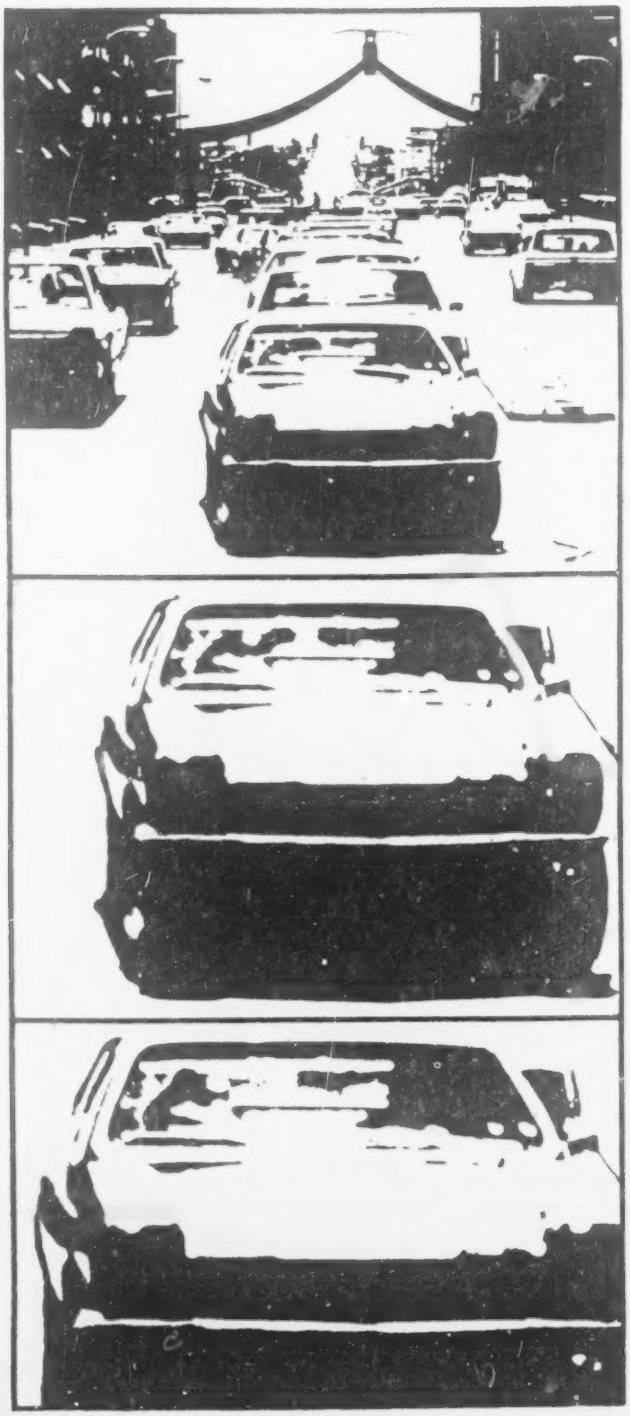
57890-2

7/27/82

Utah Highway Safety

UTAH

Traffic Accident Summary 1981



UTAH DEPARTMENT OF PUBLIC SAFETY

HIGHWAY SAFETY DIVISION

4501 South 2700 West
Salt Lake City, Utah 84119

(801) 965-4410

JUNE 29 1982

By

ARLENE STRATE

ROY BYRD, Ph. D.

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I. INTRODUCTION

THE DATA USED IN THIS ANALYSIS WERE TAKEN FROM FATAL CRASH RECORDS COLLECTED BY THE UTAH HIGHWAY SAFETY OFFICE. THESE RECORDS INCLUDE THE STATE ACCIDENT REPORT AND A SUPPLEMENTAL FATAL ACCIDENT REPORT. INFORMATION IS ALSO COLLECTED FROM NEWSPAPERS, DEATH CERTIFICATES AND OBITUARIES. THE STATISTICAL PACKAGE FOR THE SOCIAL SCIENCES (SPSS) WAS USED TO EXTRACT THE INFORMATION COMPRISING THIS ANALYSIS. DATA FROM UTAH FATAL ACCIDENTS ARE ENTERED ON THE NATIONAL FATAL ACCIDENT REPORTING SYSTEM MAINTAINED IN WASHINGTON, D.C., THROUGH AN INFORMATICS ON-LINE TERMINAL.

FOR THE 1981 CALENDAR YEAR, THERE WERE 321 FATAL CRASHES RESULTING IN 364 FATALITIES IN UTAH. THIS IS AN 8.7% INCREASE IN THE NUMBER OF DEATHS OVER 1980, WHICH TOTALED 292 FATAL CRASHES AND 335 FATALITIES. PEDESTRIAN, MOTORCYCLE AND LARGE TRUCK FATALITIES DECREASED IN 1981 OVER 1980, WHILE FATALITIES INVOLVING PICKUPS, VANS AND FOUR-WHEEL DRIVE VEHICLES ACCOUNT FOR MOST OF THE INCREASE IN FATALITIES IN 1981 OVER 1980.

PROJECTIONS

DURING THE 1970'S, THE FACTOR MOST INFLUENCING HIGHWAY SAFETY IN UTAH WAS THE ENERGY CRISIS. THE DECREASED AVAILABILITY AND INCREASED COST OF FUEL LED TO THE NATIONWIDE 55 MILE PER HOUR SPEED LIMIT IN 1974. THE NUMBER OF FATALITIES HAVE DECREASED SIGNIFICANTLY SINCE THAT TIME OVER PRIOR YEARS, WITH 1972 STILL THE YEAR WITH THE LARGEST NUMBER OF HIGHWAY FATALITIES ON RECORD IN UTAH TOTALING 382.

While the energy situation of the 1970's decreased fatalities in the short run, its long range impact on Utah has been to increase highway safety problems. Increased energy prices have led to increased development of Utah's energy resources. This has resulted in "boom" situations in many areas, and an overall increased population growth for the State. The population of Utah is forecasted to increase to 1.75 million by 1985, and to almost 2.0 million by 1990. There are more than 900,000 licensed drivers in Utah at the present time, and this number will be over 1 million by 1985. The number of registered vehicles and miles traveled are increasing with this overall growth in the State. There has been an increasing trend in annual fatality numbers in Utah since 1974, and it is projected that this trend will continue through the 1980's.

In addition to effecting population growth, the energy crisis of the 1970's had other lasting impacts related to future highway safety concerns in Utah. Vehicle use and design has been altered to accomodate the approximate 400% increase in fuel costs since 1974. In efforts to decrease fuel consumption, the driving public and automobile manufacturers have turned to smaller and lighter automobiles. It has been demonstrated that the liklihood of severe or fatal injury as the result of a traffic crash is about twice as great for occupants of a small vehicle as for occupants of a large vehicle. Other types of travel which result in high injury severity crashes, including pedestrian, bicycle and motorcycle, are also expected to increase during the 1980's.

IT IS EXPECTED THAT HIGHWAY SAFETY EFFORTS IN THE 1980'S WILL BE CONCENTRATED IN TWO GENERAL AREAS - THE REDUCTION IN THE INCIDENCE OF TRAFFIC CRASHES AND THE REDUCTION IN INJURY SEVERITY SUSTAINED BY THOSE INVOLVED IN TRAFFIC CRASHES. TO REDUCE CRASH INCIDENCE, INCREASED RESOURCES WILL BE ALLOCATED TO EFFECT DRIVERS KNOWN TO BE OVER-INVOLVED IN TRAFFIC CRASHES. SUCH GROUPS OF DRIVERS ARE THE DRINKING DRIVER, YOUNG DRIVER, AND THE DRIVER WITH LARGE NUMBERS OF VIOLATIONS ON RECORD. THE IDENTIFICATION, LICENSING AND CONTROL OF THESE DRIVERS WILL RECEIVE INCREASED ATTENTION. TO REDUCE CRASH SEVERITY, RESOURCES WILL BE ALLOCATED TO INCREASE THE AVAILABILITY AND USE OF SAFETY EQUIPMENT, SUCH AS MOTORCYCLE HELMETS, SAFETY BELTS AND HARNESSES, AND CHILD RESTRAINTS.

TABLE I

UTAH ACCIDENTS

1947 - 1980

Year	Total Accidents	Fatal-ities	Injur-ies	Number of Accidents Fatal	Number of Accidents Injury	Mil. Veh. Miles	Death Rate Per 100 Mil. Veh. Miles	Fatal Acc. Rate Per 100 Mil. Veh. Miles	Injury Rate Per 100 Mil. Veh. Miles	Total Acc. Rate Per One Mil. Veh. Miles
1947	8,885	186	3,747	159	2,603	2,132	8.72	7.46	176	4.17
1948	9,961	220	3,987	169	2,675	2,351	9.36	7.19	169	4.24
1949	11,092	174	3,808	151	2,614	2,475	7.03	6.10	154	4.48
1950	12,705	188	4,459	169	3,004	2,839	6.62	5.95	157	4.48
1951	16,475	207	5,132	174	3,495	3,015	6.87	5.77	170	5.46
1952	17,710	246	5,140	184	3,474	3,050	8.07	6.03	169	5.81
1953	16,373	209	4,945	185	3,305	3,232	6.47	5.72	153	5.07
1954	15,103	209	4,495	176	3,016	3,336	6.27	5.28	135	4.53
1955	18,060	203	5,036	166	3,390	3,075	6.60	5.40	164	5.87
1956	17,531	215	4,812	176	3,310	3,310	6.50	5.32	145	5.30
1957	19,054	222	5,022	181	3,397	3,366	6.60	5.38	149	5.66
1958	22,220	193	5,658	171	3,762	3,531	5.47	4.84	160	6.29
1959	23,506	205	5,992	171	3,946	3,784	5.42	4.52	158	6.21
1960	26,478	256	9,128	200	5,576	3,852	6.65	5.20	237	6.87
1961	25,732	236	10,412	197	6,257	3,997	5.90	4.93	261	6.44
1962	26,613	233	11,133	186	6,968	4,240	5.50	4.34	263	6.28
1963	27,340	263	12,603	198	7,798	4,549	5.78	4.35	277	6.01
1964	29,452	295	14,096	246	8,636	4,790	6.17	5.14	294	6.15
1965	29,525	281	14,361	242	8,856	4,997	5.62	4.84	287	6.91
1966	29,957	331	14,994	265	9,076	5,079	6.52	5.22	295	5.90
1967	30,992	275	14,401	231	8,888	5,257	5.24	4.39	274	5.90
1968	34,532	289	15,539	258	9,550	5,539	5.22	4.66	281	6.23
1969	34,766	308	15,977	251	9,850	5,802	5.31	4.33	275	5.99
1970	35,166	335	17,076	276	10,722	6,108	5.49	4.52	280	5.76
1971	39,108	337	18,073	280	11,399	6,544	5.15	4.28	276	5.98
1972	39,856	382	18,261	312	11,630	6,969	5.48	4.48	262	5.72
1973	38,234	361	18,415	304	11,710	7,274	4.96	4.18	253	5.26
1974	31,401	228	16,268	204	10,560	7,457	3.06	2.74	218	4.21
1975	36,426	274	17,762	245	11,441	7,942	3.45	3.09	224	4.58
1976	34,345	254	18,315	225	11,685	8,420	3.02	2.67	218	4.08
1977	38,524	360	19,728	310	12,652	9,054	3.98	3.42	218	4.26
1978	42,684	376	21,029	315	13,423	9,826	3.83	3.21	214	4.34
1979	40,468	328	20,798	287	13,449	9,811	3.34	2.93	212	4.12
1980	33,582	335	17,828	292	11,701	10,645	3.15	2.74	167	3.15
1981	35,989	364	18,090	321	11,824	10,921*	3.33*	2.94*	165*	3.14*

*Estimated

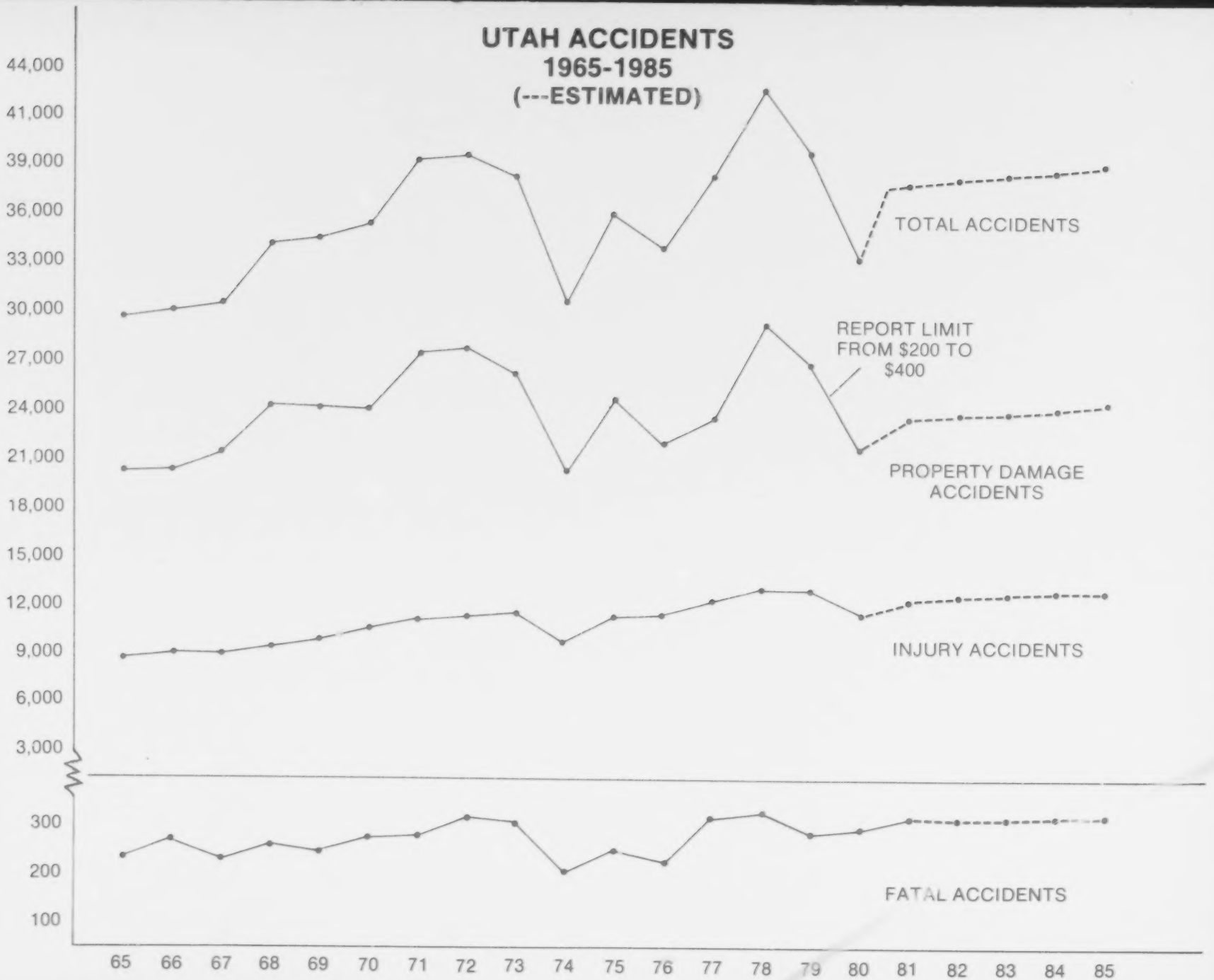
TABLE II

CUMULATIVE NUMBER OF FATAL ACCIDENTS
Number Killed

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	DEATHS PER 100 MILLION VEHICLE MILES TRAVELED
1972	26 31	44 53	71 89	84 104	110 135	136 165	170 207	204 251	235 288	261 317	276 342	312 382	5.48
1973	21 25	32 36	61 72	85 102	117 138	144 169	176 218	206 253	230 280	261 317	282 339	303 361	4.96
1974	6 6	9 9	18 18	41 41	65 72	87 96	110 123	126 139	149 166	174 196	192 215	204 228	3.06
1975	18 21	33 41	42 52	54 67	78 91	106 125	131 150	161 183	184 209	208 233	227 255	245 274	3.45
1976	20 22	45 55	58 69	69 80	88 103	102 119	134 155	153 176	173 198	195 221	210 238	225 254	3.02
1977	19 21	37 41	60 65	78 86	104 115	135 148	172 195	204 242	229 272	260 309	283 333	310 360	3.97
1978	12 14	30 33	51 54	75 82	97 105	131 146	176 204	209 252	243 295	272 327	298 358	315 376	3.83
1979	25 26	38 40	61 65	88 95	111 121	137 148	168 181	196 213	227 256	243 275	266 305	287 328	3.34
1980	18 20	31 34	53 59	79 90	103 117	132 147	159 182	185 211	214 242	242 275	267 309	292 335	3.15
1981	23 25	42 46	64 69	88 99	109 125	140 161	182 206	218 245	241 269	269 303	295 331	321 364	3.33

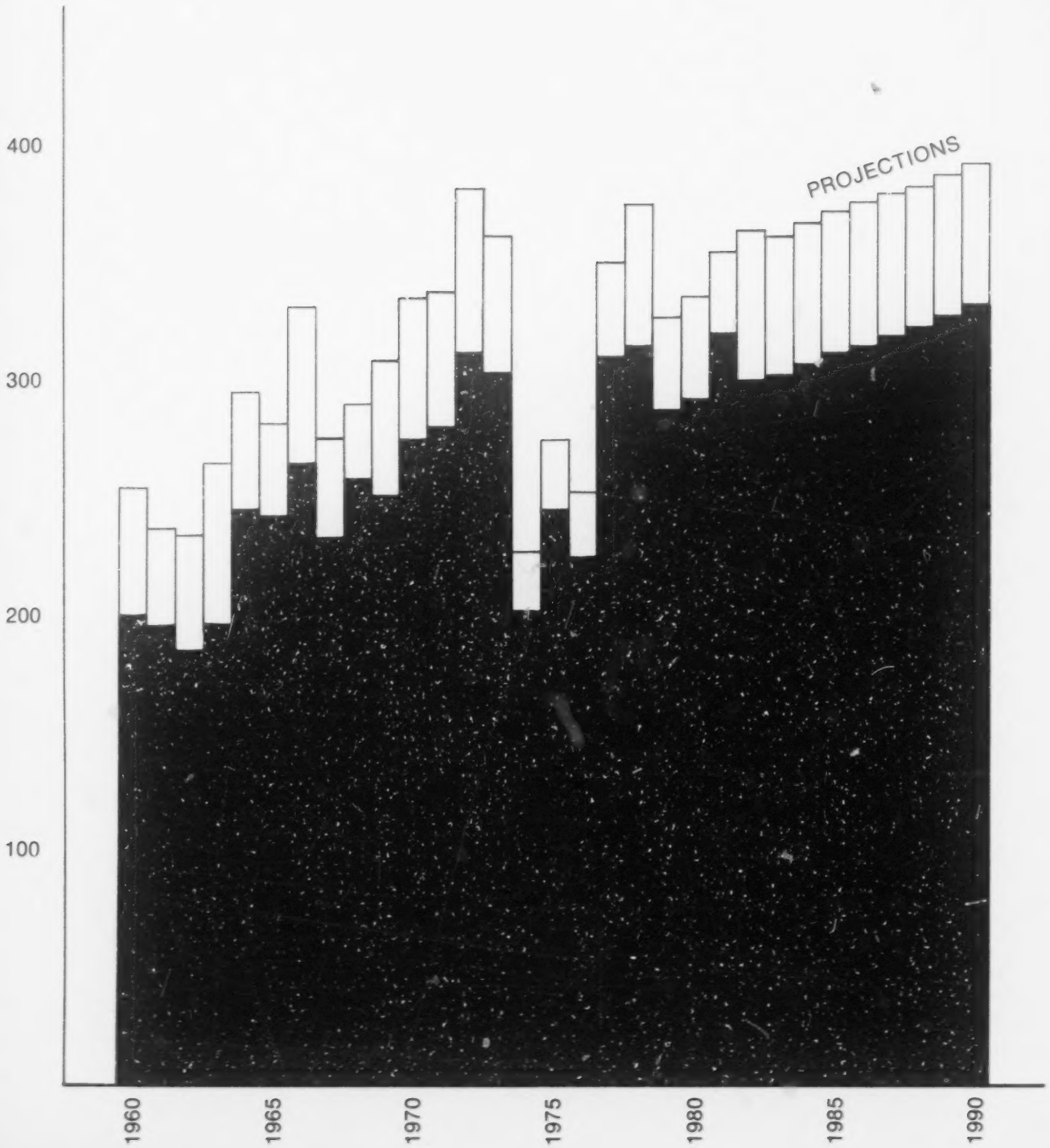
Cumulative difference in deaths between current year and previous year:

+5	+12	+10	+9	+8	+14	+23	+33	+26	+28	+20	+29

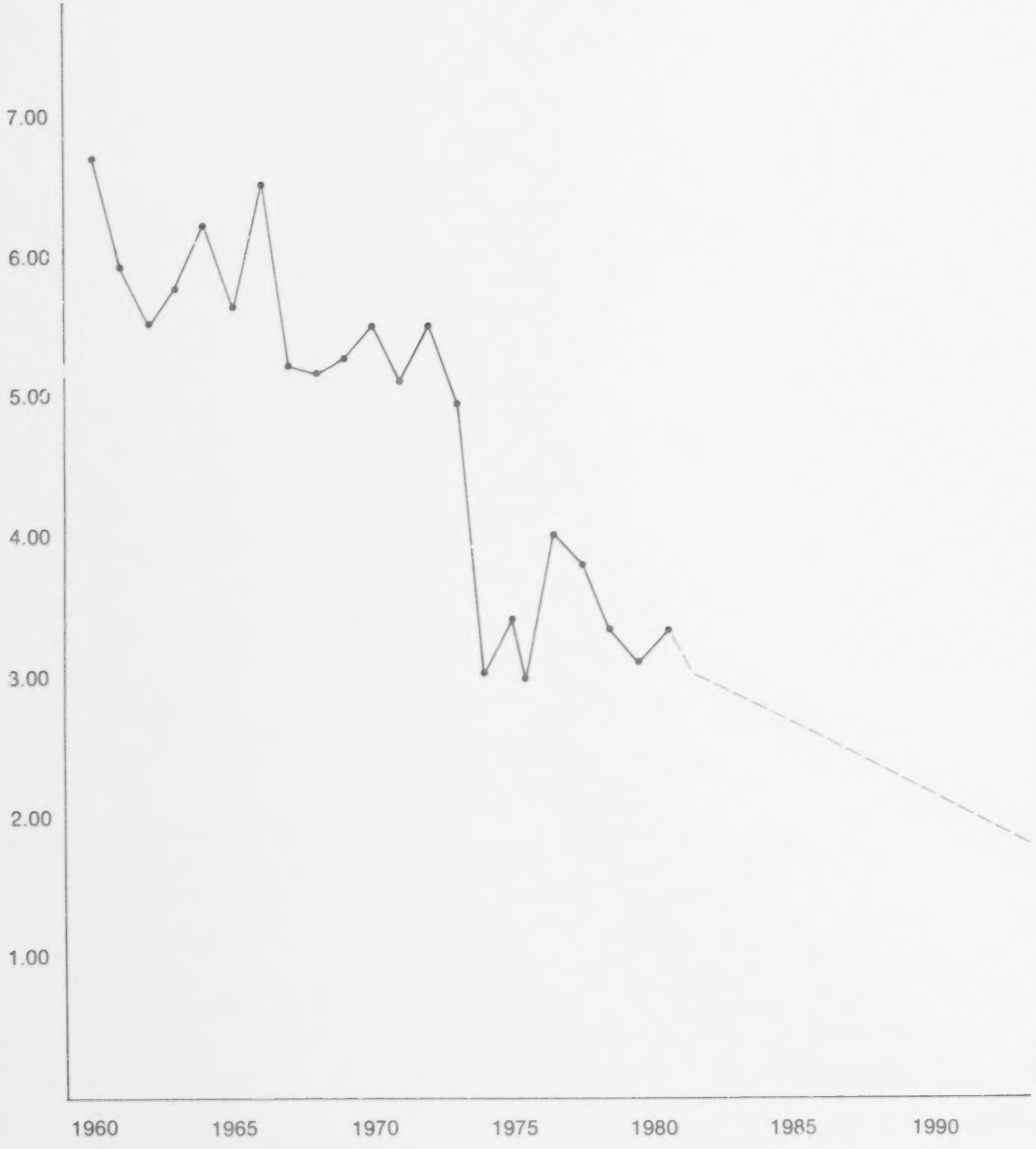

UTAH ACCIDENTS
1965-1985
(---ESTIMATED)
44,000
41,000
39,000
36,000
33,000
30,000
27,000
24,000
21,000
18,000
15,000
12,000
9,000
6,000
3,000
300
200
100
TOTAL ACCIDENTS
REPORT LIMIT FROM $200 TO $400
PROPERTY DAMAGE ACCIDENTS
INJURY ACCIDENTS
FATAL ACCIDENTS
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85

UTAH FATLITIES AND FATAL ACCIDENTS
1960-1981
PROJECTIONS: 1982-1990

Total Bar = Fatalities
Shaded Portion = Fatal Accidents



UTAH FATALITY RATE PER 100 MILLION MILES OF TRAVEL 1960-1981 PROJECTIONS: 1982-1990



1981 FATAL ACCIDENTS BY COUNTY

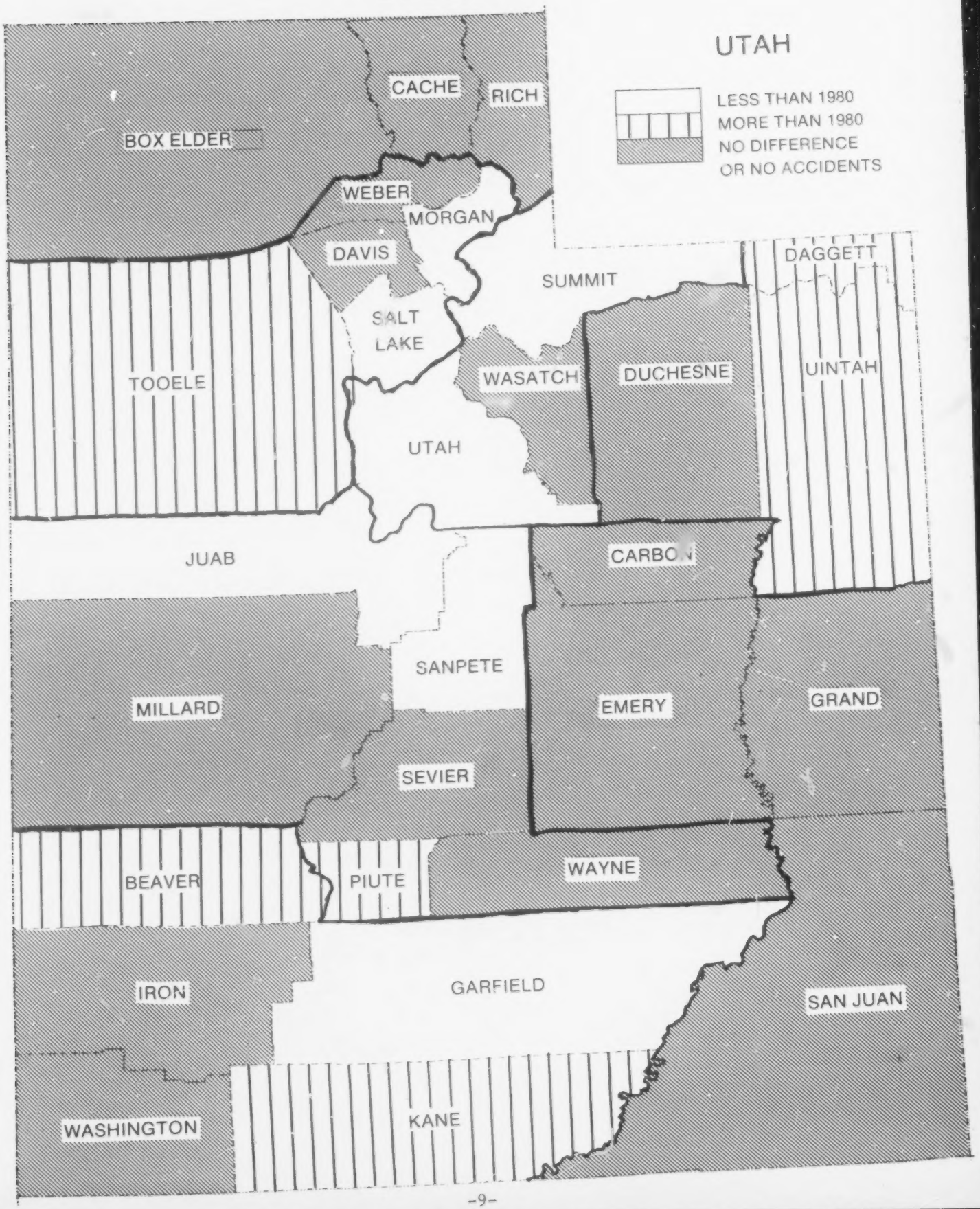


TABLE III

FATAL CRASHES BY COUNTY

	1979		1980		1981	
County	Total	%	Total	%	Total	%
Salt Lake	84	29.3	102	34.9	85	26.5
Utah	33	11.5	32	11.0	26	8.1
Weber	21	7.3	16	5.5	27	8.4
Percentage of Total		48.1		51.4		43.0
Box Elder	15	5.2	5	1.7	14	4.4
Davis	19	6.6	12	4.1	15	4.7
Iron	3	1.0	12	4.1	14	4.4
Summit	9	3.1	11	3.8	5	1.6
Tooele	14	4.9	7	2.4	7	2.2
Uintah	5	1.7	12	4.1	12	3.7
Washington	10	3.5	5	1.7	6	1.9
Percentage of Total		26.0		21.9		22.9
Beaver	0	0.0	3	1.0	3	.9
Cache	7	2.4	7	2.4	9	2.8
Carbon	4	1.4	10	3.4	14	4.4
Daggett	0	0.0	0	0.0	0	0.0
Duchesne	5	1.7	6	2.1	8	2.5
Emery	6	2.1	5	1.7	15	4.5
Garfield	3	1.0	6	2.1	1	.3
Grand	7	2.4	7	2.4	10	3.1
Juab	6	2.1	6	2.1	3	.9
Kane	1	.3	2	.7	2	.6
Millard	9	3.1	3	1.0	6	1.9
Morgan	1	.3	0	0.0	0	0.0
Piute	1	.3	0	0.0	0	0.0
Rich	3	1.0	3	1.0	7	2.2
San Juan	11	3.8	4	1.4	14	4.4
Sanpete	2	.7	6	2.1	4	1.2
Sevier	6	2.1	6	2.1	7	2.2
Wasatch	2	.7	4	1.4	6	1.9
Wayne	0	0.0	0	0.0	1	.3
Percentage of Total		25.4		26.9		34.1

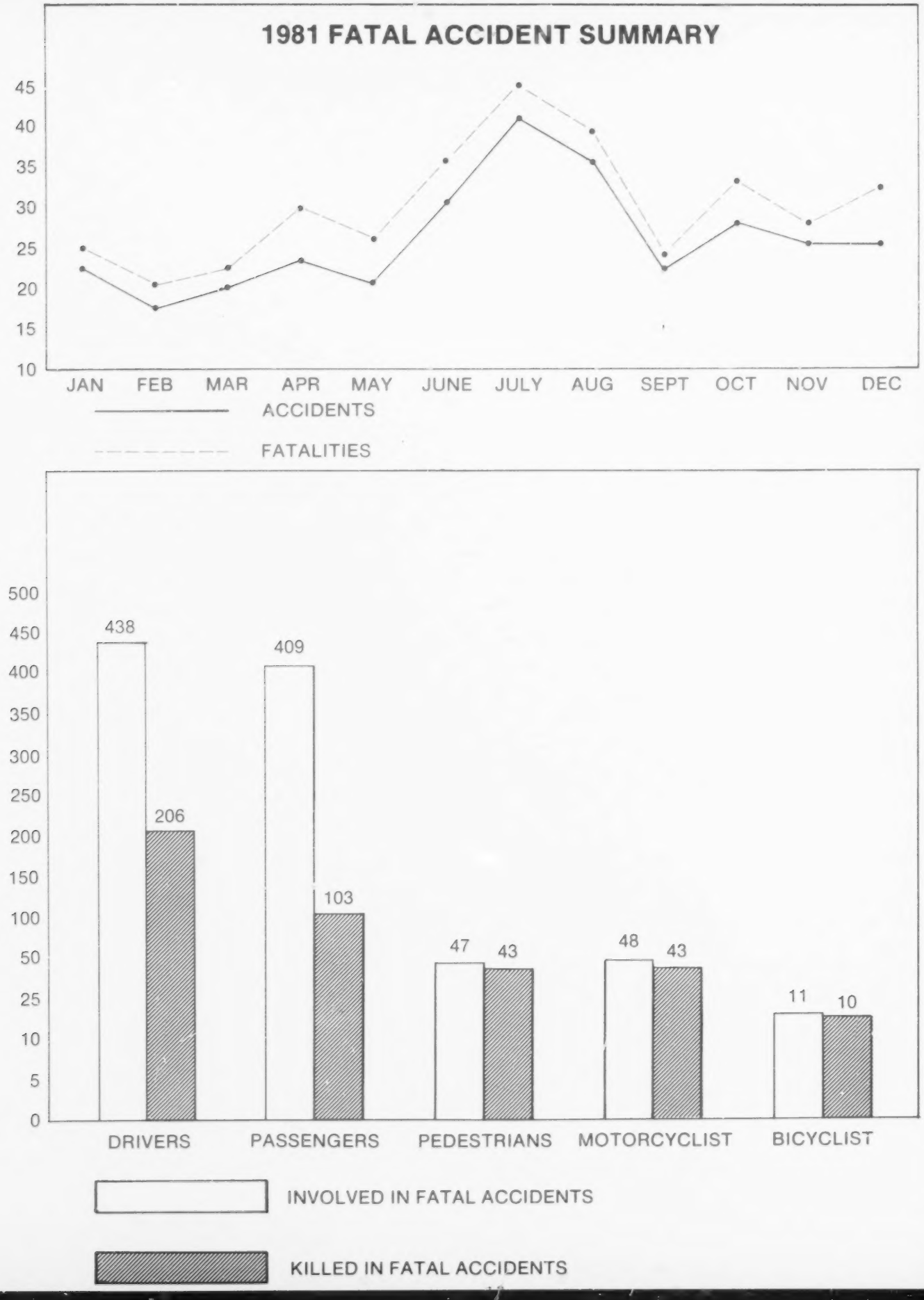
IN 1981 65.9% OF ALL FATAL CRASHES OCCURRED IN TEN COUNTIES.

TABLE IV

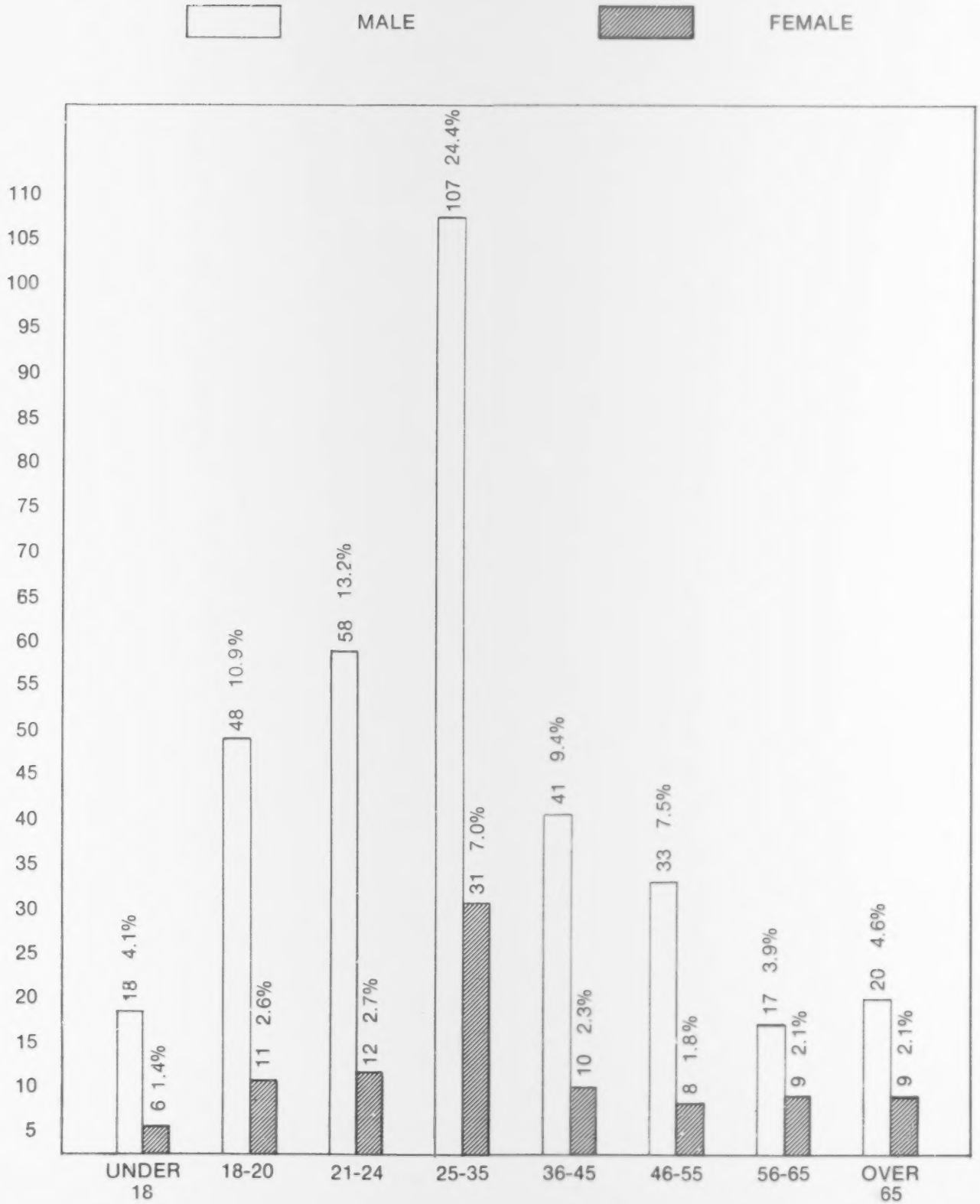
FATAL CRASHES BY CITY

City	1979 Total	1979 %	1980 Total	1980 %	1981 Total	1981 %
Altamont	0	0.0	0	0.0	1	.3
Aneth	0	0.0	0	0.0	1	.3
American Fork	4	1.4	1	.3	0	0.0
Bountiful	1	.3	0	0.0	2	.6
Brigham City	2	.7	0	0.0	3	.9
Castlegate	1	.3	0	0.0	0	0.0
Cedar City	0	0.0	2	.7	1	.3
Centerville	1	.3	1	.3	1	.3
Cleveland	0	0.0	0	0.0	1	.3
Copperton	0	0.0	0	0.0	1	.3
Draper	1	.3	2	.7	1	.3
Farmington	2	.7	2	.7	0	0.0
Fillmore	1	.3	0	0.0	0	0.0
Flowell	0	0.0	0	0.0	1	.3
Genola	0	0.0	1	.3	0	0.0
Goshen	0	0.0	0	0.0	1	.3
Granger	2	.7	2	.7	2	.6
Harrisville	1	.3	0	0.0	1	.3
Helper	0	0.0	2	.7	0	0.0
Honeyville	0	0.0	1	.3	1	.3
Hooper	0	0.0	1	.3	0	0.0
Huntsville	0	0.0	0	0.0	1	.3
Hurricane	1	.3	1	.3	0	0.0
Hyde Park	0	0.0	2	.7	0	0.0
Ibapah	0	0.0	1	.3	0	0.0
Kearns	2	.7	0	0.0	1	.3
Lark	0	0.0	1	.3	0	0.0
Layton	3	1.0	4	1.4	1	.3
Lehi	1	.3	1	.3	0	0.0
Levan	0	0.0	1	.3	0	0.0
Lewiston	1	.3	0	0.0	0	0.0
Lindon	1	.3	2	.7	2	.6
Logan	1	.3	0	0.0	1	.3
Maeser	1	.3	0	0.0	0	0.0
Magna	2	.7	1	.3	2	.6
Manti	0	0.0	0	0.0	1	.3
Martin	0	0.0	0	0.0	1	.3
Marysvale	1	.3	0	0.0	0	0.0
Midvale	3	1.0	1	.3	5	1.6
Moab	0	0.0	1	.3	0	0.0
Montezuma Creek	0	0.0	1	.3	0	0.0
Mt. Pleasant	0	0.0	1	.3	0	0.0
Murray	2	.7	8	2.7	1	.3
North Salt Lake	2	.7	1	.3	4	1.2

City	1979 Total	1979 %	1980 Total	1980 %	1981 Total	1981 %
Ogden	10	3.5	5	1.7	5	1.6
Orem	5	1.7	2	.7	1	.3
Park City	1	.3	1	.3	1	.3
Parowan	1	.3	1	.3	0	0.0
Payson	1	.3	1	.3	0	0.0
Perry	0	0.0	0	0.0	1	.3
Plain City	0	0.0	2	.7	0	0.0
Pleasant Grove	1	.3	2	.7	1	.3
Pleasant View	1	.3	0	0.0	2	.6
Plymouth	1	.3	0	0.0	0	0.0
Price	1	.3	1	.3	2	.6
Providence	2	.7	0	0.0	0	0.0
Provo	1	.3	7	2.4	4	1.2
Randolph	0	0.0	0	0.0	1	.3
Riverdale	1	.3	1	.3	1	.3
Riverton	2	.7	1	.3	1	.3
Roosevlet	2	.7	0	0.0	0	0.0
Roy	0	0.0	1	.3	2	.6
St. George	2	.7	1	.3	1	.3
Salina	0	0.0	1	.3	0	0.0
Salt Lake City	31	10.8	40	13.7	39	12.1
Sandy	2	.7	4	1.4	2	.6
Smithfield	1	.3	1	.3	0	0.0
Snowville	1	.3	0	0.0	0	0.0
South Jordan	0	0.0	0	0.0	1	.3
South Ogden	0	0.0	0	0.0	5	1.6
South Salt Lake	5	1.7	2	.7	2	.6
South Weber	0	0.0	1	.3	0	0.0
Spanish Fork	1	.3	1	.3	0	0.0
Spring Glen	0	0.0	0	0.0	1	.3
Springville	2	.7	0	0.0	1	.3
Stockton	1	.3	0	0.0	0	0.0
Sunset	1	.3	1	.3	3	.9
Taylorsville	0	0.0	1	.3	1	.3
Tooele	1	.3	0	0.0	1	.3
Tooele Army Depot	0	0.0	1	.3	0	0.0
Toquerville	1	.3	0	0.0	0	0.0
Tremonton	1	.3	0	0.0	0	0.0
Uintah	1	.3	1	.3	1	.3
Vernal	1	.3	1	.3	2	.6
West Bountiful	1	.3	1	.3	1	.3
West Jordan	3	1.0	2	.7	1	.3
West Point	0	0.0	0	0.0	1	.3
West Valley	0	0.0	0	0.0	3	.9
Willard	1	.3	1	.3	0	0.0
Wilson	0	0.0	1	.3	0	0.0
Woods Cross	1	.3	0	0.0	0	0.0


1981 FATAL ACCIDENT SUMMARY
45
40
35
30
25
20
15
10
JAN
FEB
MAR
APR
MAY
JUNE
JULY
AUG
SEPT
OCT
NOV
DEC
ACCIDENTS
FATALITIES
500
450
400
350
300
250
200
150
100
50
25
10
5
0
438
206
409
103
47
43
48
43
11
10
DRIVERS
PASSENGERS
PEDESTRIANS
MOTORCYCLIST
BICYCLIST
INVOLVED IN FATAL ACCIDENTS
KILLED IN FATAL ACCIDENTS

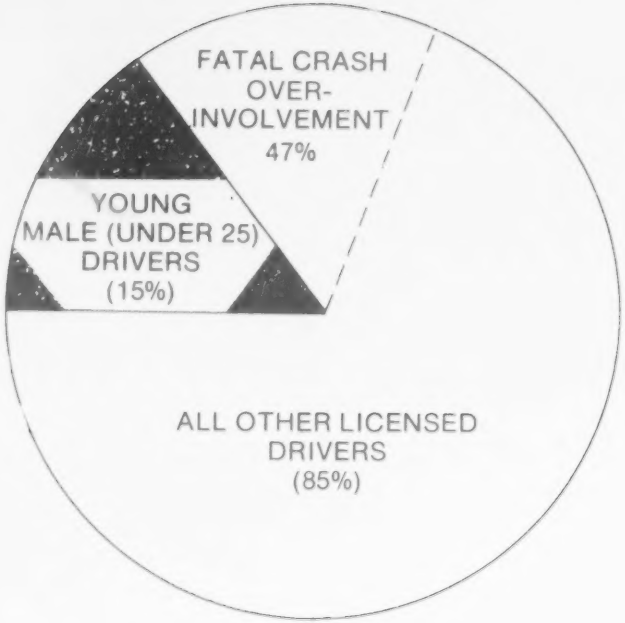
DRIVERS INVOLVED IN 1981 FATAL CRASHES BY AGE AND SEX



DRIVER AGE AND SEX

TOTAL DRIVERS
INVOLVED IN FATAL CRASHES - 1981

TOTAL LICENSED
DRIVERS



YOUNG MALE DRIVERS WERE OVER-INVOLVED IN FATAL CRASHES IN 1981.

TABLE V

DRIVERS AGE BY SEX

Age	1980 Male Total	1980 Male %	1980 Female Total	1980 Female %	1981 Male Total	1981 Male %	1981 Female Total	1981 Female %
Under 18	31	7.6	8	1.9	18	4.1	6	1.4
18 - 20	43	10.6	12	3.0	48	10.9	11	2.5
21 - 24	52	12.8	9	2.2	58	13.2	12	2.7
25 - 35	91	22.4	20	4.9	107	24.4	31	7.1
36 - 45	40	9.9	16	3.9	41	9.4	10	2.3
46 - 55	24	5.9	10	2.5	33	7.5	8	1.8
56 - 65	16	3.9	6	1.5	17	3.9	9	2.1
Over 65	21	5.1	7	1.7	20	4.6	9	2.1

IN 1981 FATAL CRASHES, 34.8% OF THE DRIVERS WERE UNDER 25 YEARS OF AGE. SINCE THIS AGE GROUP OF DRIVERS MAKES UP 29% OF THE LICENSED DRIVERS IN UTAH, THEY ARE OVERREPRESENTED IN FATAL CRASHES. ADDITIONALLY, 28.2% OF THE DRIVERS INVOLVED IN 1981 FATAL CRASHES WERE UNDER AGE 25 AND MALE. SINCE THIS GROUP OF DRIVERS COMPRISES 15% OF ALL LICENSED DRIVERS IN UTAH, THEY ARE OVER-INVOLVED IN FATAL CRASHES.

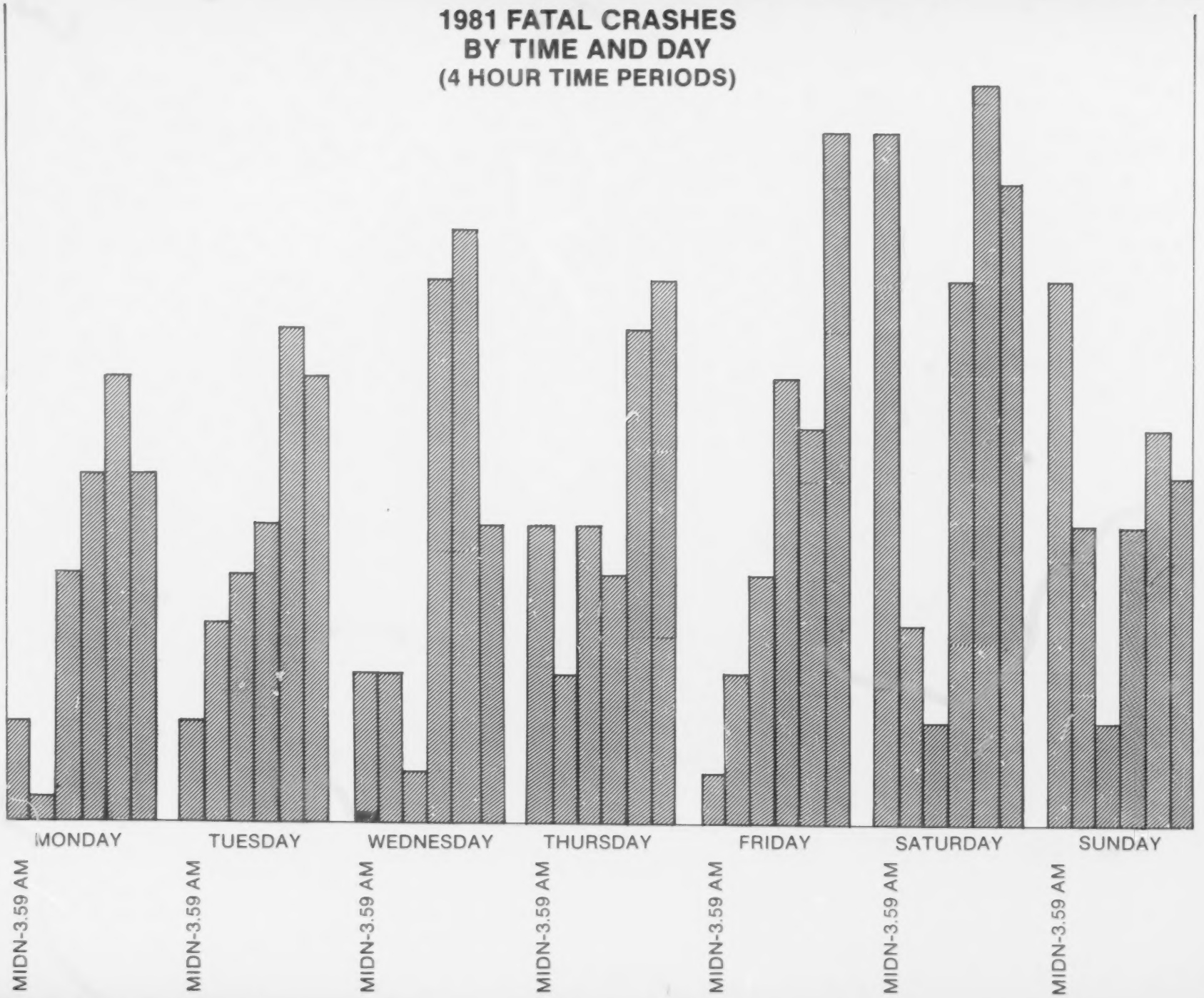

1981 FATAL CRASHES
BY TIME AND DAY
(4 HOUR TIME PERIODS)
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
MONDAY
TUESDAY
WEDNESDAY
THURSDAY
FRIDAY
SATURDAY
SUNDAY
MIDN-3.59 AM
MIDN-3.59 AM
MIDN-3.59 AM
MIDN-3.59 AM
MIDN-3.59 AM
MIDN-3.59 AM
MIDN-3.59 AM

TABLE VI

FATAL CRASHES BY THE DAY OF THE WEEK

DAY	1979 Total	1979 %	1980 Total	1980 %	1981 Total	1981 %
Monday	28	9.8	39	13.4	36	11.2
Tuesday	37	12.9	35	12.0	42	13.1
Wednesday	28	9.8	36	12.3	38	11.8
Thursday	45	15.7	48	16.4	47	14.6
Friday	46	16.0	35	12.0	46	14.3
Saturday	55	19.5	50	17.1	66	20.6
Sunday	48	16.4	49	16.8	46	14.4

TABLE VII

FATAL ACCIDENTS BY TIME OF DAY

Time	1979 Crashes Total	1979 Crashes %	1980 Crashes Total	1980 Crashes %	1981 Crashes Total	1981 Crashes %
Midnight - 3:59 a.m.	45	16.0	51	17.8	46	14.4
4:00 a.m. - 7:59 a.m.	29	10.3	38	13.0	26	8.1
8:00 a.m. - 11:59 a.m.	39	13.5	30	10.3	33	10.3
Noon - 3:59 p.m.	38	13.5	42	14.4	62	19.4
4:00 p.m. - 7:59 p.m.	62	22.1	70	24.0	79	24.7
8:00 p.m. - Midnight	69	24.6	61	20.9	75	23.1

DURING 1981 SATURDAY WAS THE MOST HEAVILY REPRESENTED DAY OF THE WEEK WITH 20.6% OF ALL FATAL CRASHES. THE HIGHEST TIME PERIOD FOR FATAL CRASHES IN 1981 WAS 4:00 P.M. TO 8:00 P.M. WITH 24.7% OF ALL FATAL CRASHES OCCURRING DURING THAT TIME PERIOD.

1981 FATAL CRASHES BY CLASS OF TRAFFICWAY

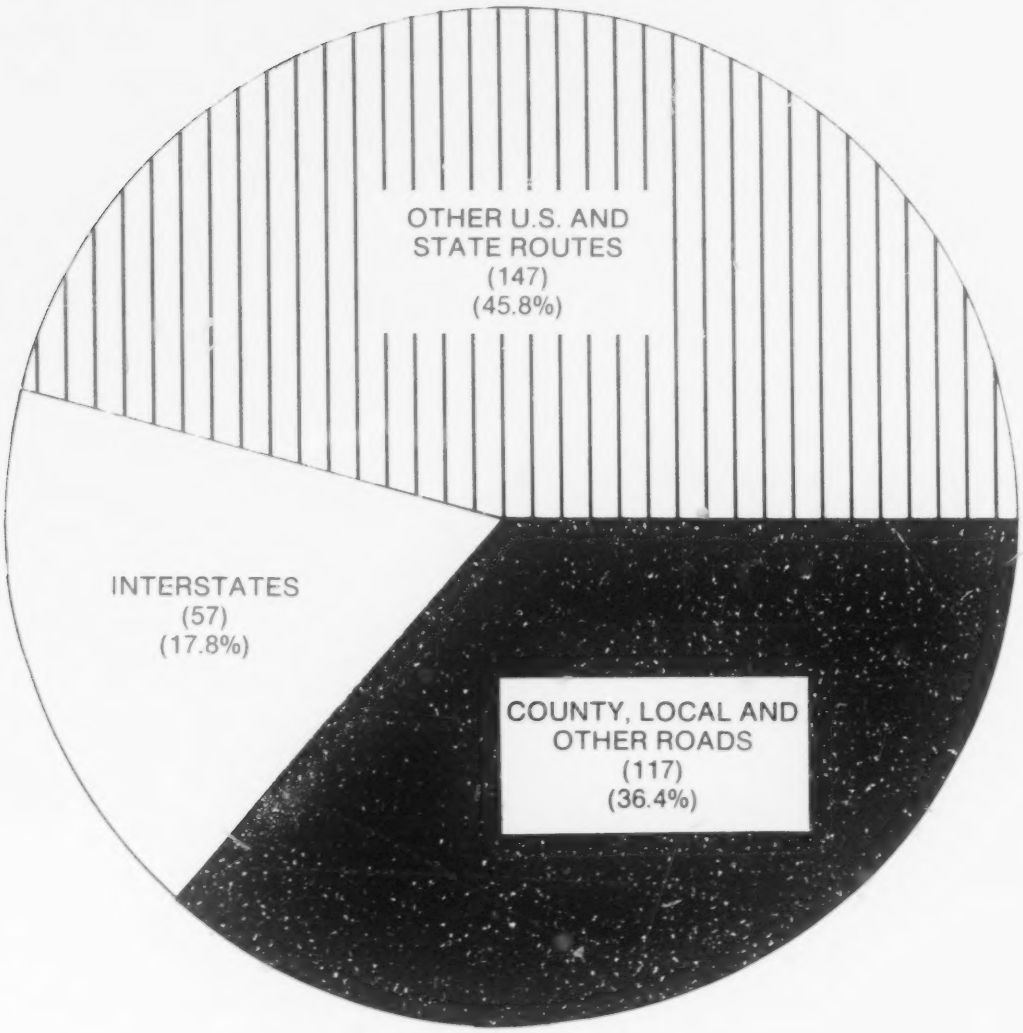


TABLE VIII

FATAL CRASHES

BY CLASS OF TRAFFICWAY

Year	Interstate Total	%	Other U.S. & State Routes Total	%	County, Local & Other Roads Total	%	Total Fatal Crashes
1979	52	18.2	126	44.1	109	37.7	287
1980	37	12.7	158	54.1	96	32.9	292
1981	57	17.8	147	45.8	117	36.4	321

IN 1981, 17.8% OF ALL FATAL CRASHES OCCURRED ON THE INTERSTATE SYSTEM, 45.8% ON OTHER U.S. AND STATE ROUTES, AND 36.4% OF THE FATAL CRASHES OCCURRED ON THE LOCAL AND COUNTY TRAFFICWAYS.

VEHICLE TYPES INVOLVED IN 1981 FATAL CRASHES

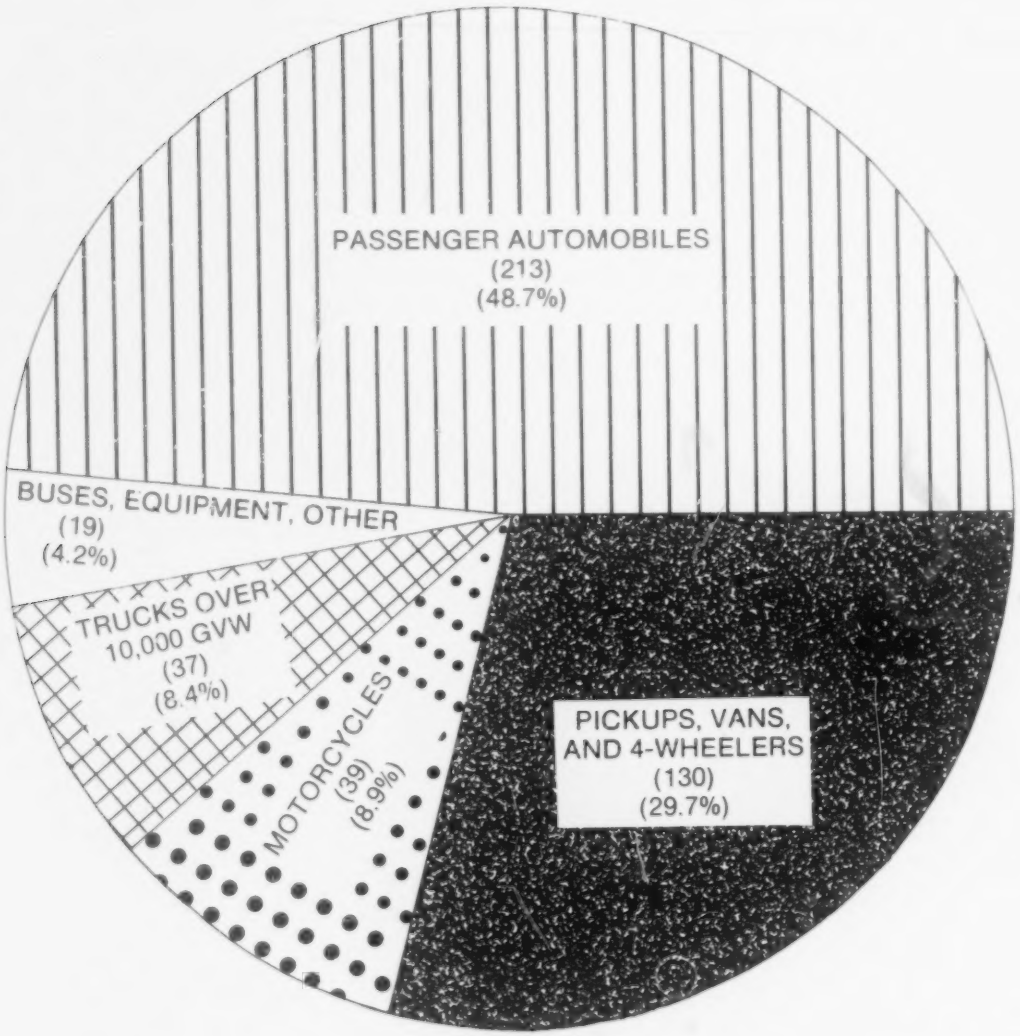


TABLE IX

VEHICLE TYPES

IN FATAL CRASHES

Year	Auto Total	Auto %	Pickups Vans and 4-Wheelers Total	Pickups Vans and 4-Wheelers %	Motor-cycles Total	Motor-cycles %	Trucks Over 10,000 GVW Total	Trucks Over 10,000 GVW %	Buses, Equipment and Other Vehicles Total	Buses, Equipment and Other Vehicles %	Total Vehicles
1979	186	47.1	114	29.0	31	7.6	46	14.2		2.1	397
1980	206	50.7	107	26.3	44	10.8	41	10.2	8	2.0	406
1981	213	48.7	130	29.7	39	8.9	37	8.4	19	4.3	438

IN 1981, THE NUMBER OF TRUCKS OVER 10,000 LBS. GROSS VEHICLE WEIGHT SHOWED A DECREASED INVOLVEMENT IN FATAL CRASHES COMPARED TO 1980. THE PROPORTION OF MOTORCYCLES INVOLVED IN FATAL CRASHES ALSO DECREASED OVER THE PREVIOUS YEAR. FATAL CRASHES INVOLVING PICKUPS, VANS AND FOUR WHEELERS INCREASED IN 1981.

TABLE X

FATAL CRASHES

ENVIRONMENT AND VEHICLE DEFECT CONDITIONS

Conditions	1979 Crashes Total	%	1980 Crashes Total	%	1981 Crashes Total	%
Rain-fog-dust, etc.	4	1.4	10	3.4	2	.6
Sunlight glare	1	3.0	2	.7	5	1.5
View blocked	2	.1	3	.9	0	0.0
Avoiding animal or other	3	1.8	2	.6	6	1.8
Crosswind	3	1.1	1	.3	0	0.0
Slippery surface	20	7.1	19	6.5	16	5.0
Avoiding holes and debris	2	.1	1	.3	2	.6
Poor roadway and construction	7	2.5	5	1.7	1	.3
Tires - wheel	8	2.5	10	2.5	9	2.1
Brake failure	5	1.4	12	3.0	6	1.4
Steering failure	2	.1	1	.2	0	0.0
Lights failure	5	1.4	6	1.5	7	1.7
Other vehicle defects	6	1.6	3	.7	3	.6

ENVIRONMENT AND VEHICLE DEFECTS DID NOT SIGNIFICANTLY CONTRIBUTE TO FATAL CRASHES IN 1981.

FIRST HARMFUL EVENT
1981 FATAL CRASHES

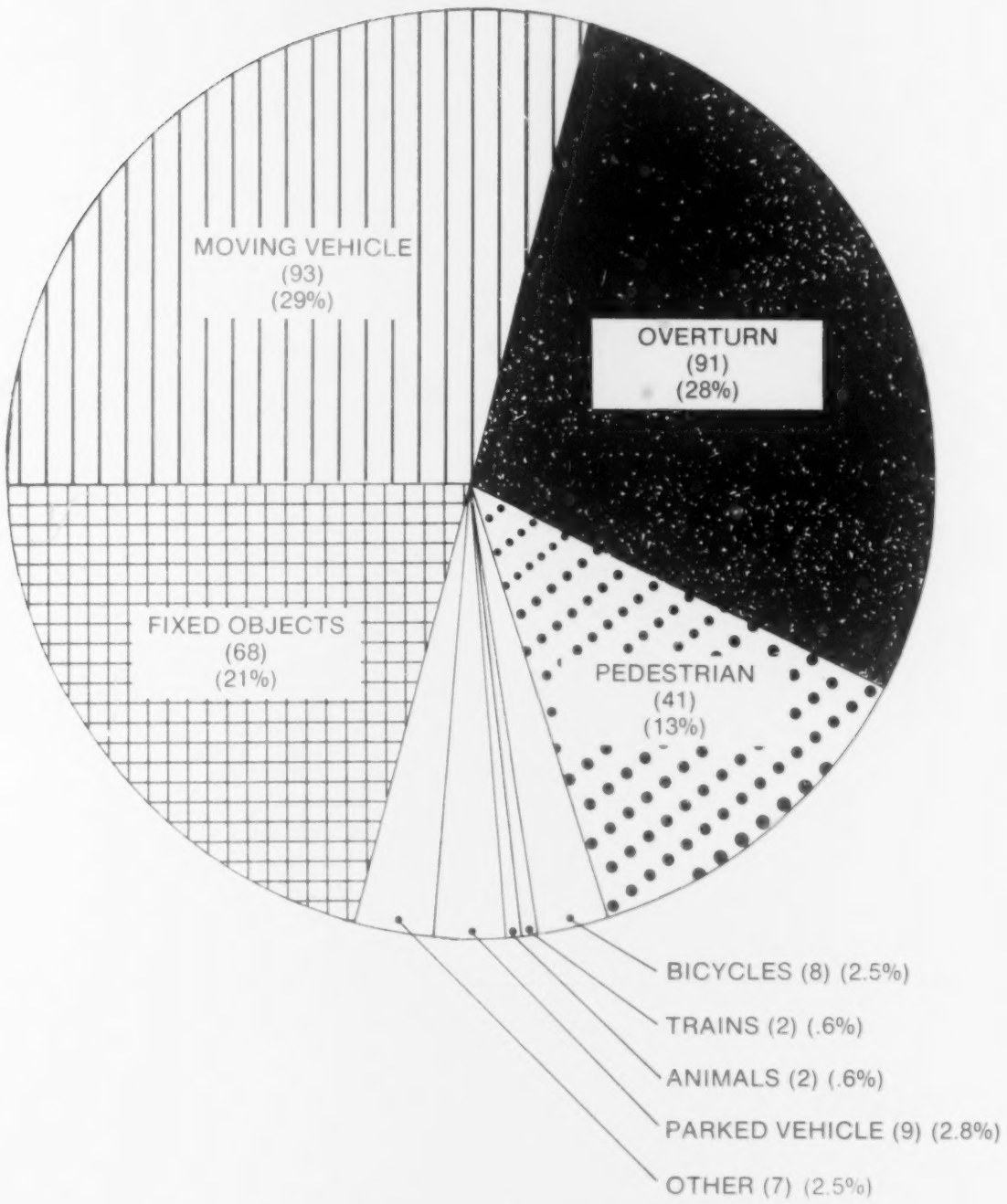


TABLE XI

1981 PEDESTRIAN FATALITIES

Accident Summary

	Total	Percent
In Salt Lake County	24	57.1
In Weber, Davis and Utah Counties	12	28.6
Between 5:00 p.m. - 6:59 p.m.	9	21.5
In Urban Areas	33	78.6
On roadway	39	92.9
Not physically divided road	27	64.3
On roadway with posted speed 40 mph or less	29	69.0
No traffic controls	35	83.3
Dark	24	57.2
Clear weather	37	88.1
Hit and run	5	11.9
In shopping areas	17	40.5
In residential areas	18	42.9
On Saturdays	8	19.0
Investigated by local police	30	71.4

TABLE XII

1981 PEDESTRIAN FATAL ACCIDENTS

Driver Summary

	Total	Percent
Utah Drivers	31	77.5
Traveling 40 mph or less	14	35.0
Traveling straight	35	87.5
Drove recklessly	10	25.0
Failed to yield	5	12.5
Were speeding	2	5.0
Were drinking	6	15.0
Were under 25	13	32.5
Did not contribute	20	50.0

Pedestrians Killed

	Total	Percent
Under 4	7	16.3
Age 5-12	3	6.9
Age 13-15	1	2.3
Age 16-18	2	4.7
Age 19-25	3	7.0
Age 26-60	15	34.7
Age 60 and above	12	27.9
Male	30	69.8
In a crosswalk	10	23.3
Not in crosswalk nor at intersection	29	67.4
Had been drinking	12	27.9
Ran into roadway	5	11.6
Crossing improperly	10	23.2

THERE WERE 43 PEDESTRIANS KILLED IN 1981 AS COMPARED TO 49 IN 1980. THE PEDESTRIAN MOST OFTEN CONTRIBUTES TO THE ACCIDENT BY CROSSING IMPROPERLY WHEN VISIBILITY IS LOW DUE TO DARKNESS.

TABLE XIII

1981 MOTORCYCLE ACCIDENTS

Accident Summary

	Total	Percent
In Salt Lake County	12	31.6
In Weber, Davis and Utah Counties	11	28.9
Between 5:00 p.m. - midnight	21	55.3
In urban areas	16	42.1
Collision with another vehicle	18	47.4
Overturn	6	15.8
Clear weather	37	97.4

Driver Summary

	Total	Percent
Under 25 years of age	24	61.5
Male	38	97.4
No motorcycle helmet	36	92.3
Had been drinking	15	38.4
BAC greater than .08	9	23.0
Speeding	17	43.6
Reckless/Careless	15	38.5

Motorcyclists Killed

	Total	Percent
Drivers killed	36	92.3
Under 25	21	58.3
Male	35	97.2
No motorcycle helmet	33	91.7
BAC over .08	8	22.2
Passengers killed	6	66.7
Male	3	50.0
No motorcycle helmet	6	100.00

MOTORCYCLISTS INVOLVED IN 1981 FATAL CRASHES WERE PREDOMINANTLY YOUNG. THERE WERE 42 MOTORCYCLISTS KILLED OF WHICH ONLY ONE WAS WEARING A HELMET.

DRIVERS CONTRIBUTING FACTORS IN FATAL CRASHES

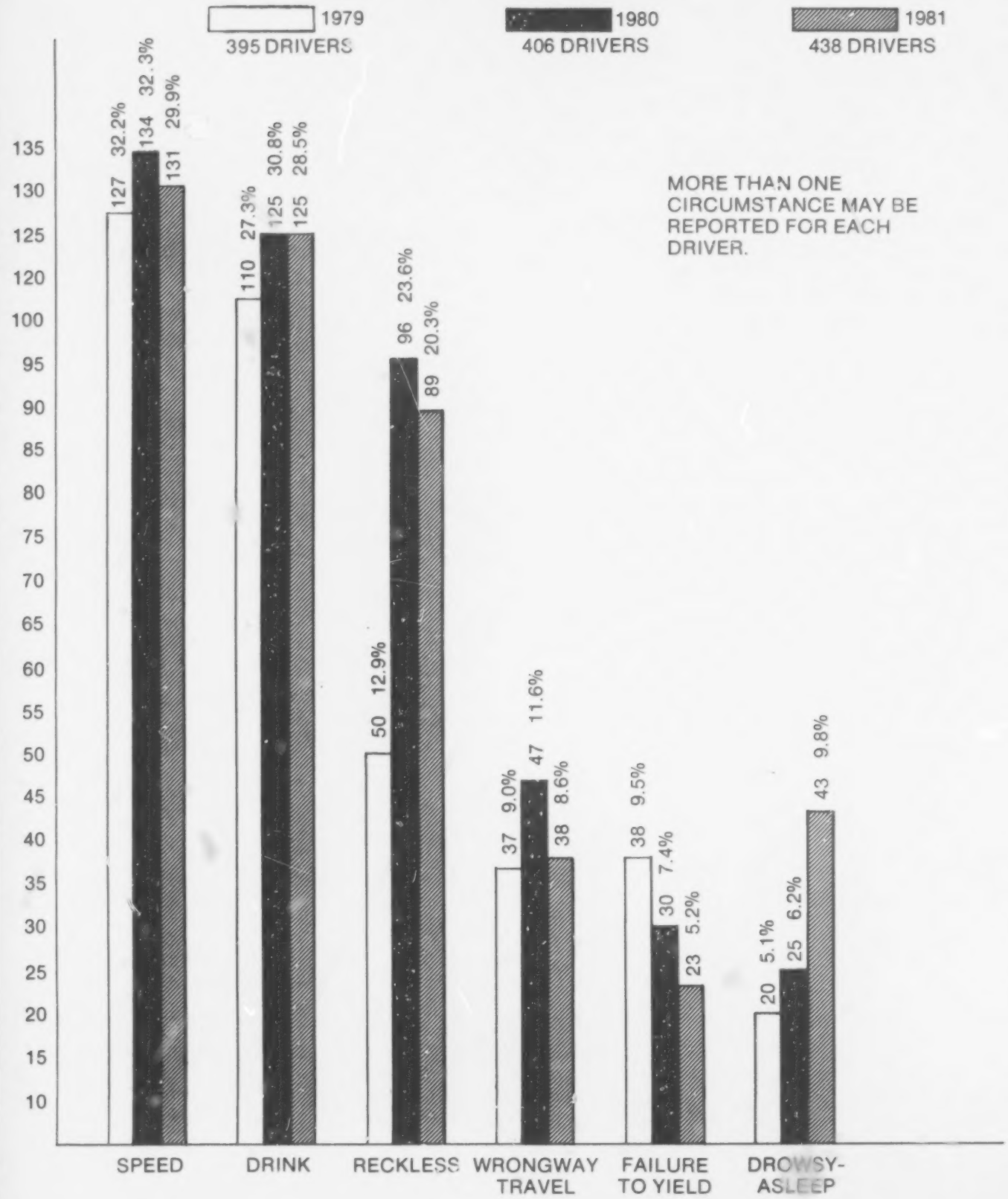


TABLE XIV

FATAL CRASH

DRIVER'S CONTRIBUTING FACTORS

Year	Speeding		Drinking		Reckless		Wrong-Way Travel		Failure To Yield		Drowsy/ Asleep	
	Total	%	Total	%	Total	%	Total	%	Total	%	Total	%
1979	127	32.2	110	27.3	50	12.9	37	9.0	38	9.5	20	5.1
1980	134	32.3	125	30.8	96	23.6	47	11.6	30	7.4	25	6.2
1981	131	29.9	125	28.5	89	20.3	38	8.6	23	5.2	43	9.8

IN 1981 SPEEDING WAS A LEADING CONTRIBUTING CIRCUMSTANCE OF FATAL INJURIES. DRINKING IS NOTED AS A CONTRIBUTING FACTOR FOR 28.5% OF THE DRIVERS AT THE TIME THE ACCIDENT REPORT IS COMPLETED. MORE THAN ONE CIRCUMSTANCE MAY BE REPORTED FOR EACH DRIVER.

TABLE XV

1981 DRIVER CONTRIBUTING FACTORS

SPEEDING

Accident Summary

	Total	Percent
In rural areas	85	66.4
Collision with another vehicle	28	21.9
Overturn	53	41.4
On dry roads	104	81.3
Clear weather	115	89.8

Driver Summary

	Total	Percent
Under 25	64	49.2
Male	112	86.2
No restraints used	123	94.6
Utah drivers	92	70.8
Speeds over 55	67	51.5
Previous accidents	12	9.2
Previous suspensions	14	10.8
Previous DUI's	11	8.5
Previous speed	49	37.3
Previous other harmful violations	36	27.7
Had been drinking	62	47.7

Drivers Killed In Speed Related Crashes

	Total	Percent
Drivers killed	84	64.6
Male	74	88.1
Under 25	32	38.1
No restraint used	79	94.0
BAC over .08	33	39.2

SPOT FACTS

1. In 1981 fatal crashes 29.2% of the speeding drivers were from out of state.
2. 49.2% of the drivers who contributed by speeding were under 25 years of age and 86.2% were male.
3. 41.4% of the fatal crashes involving excessive speed resulted in overturns.

1981 ALCOHOL RELATED CRASHES
BY TIME AND DAY
(4 HOUR TIME PERIODS)

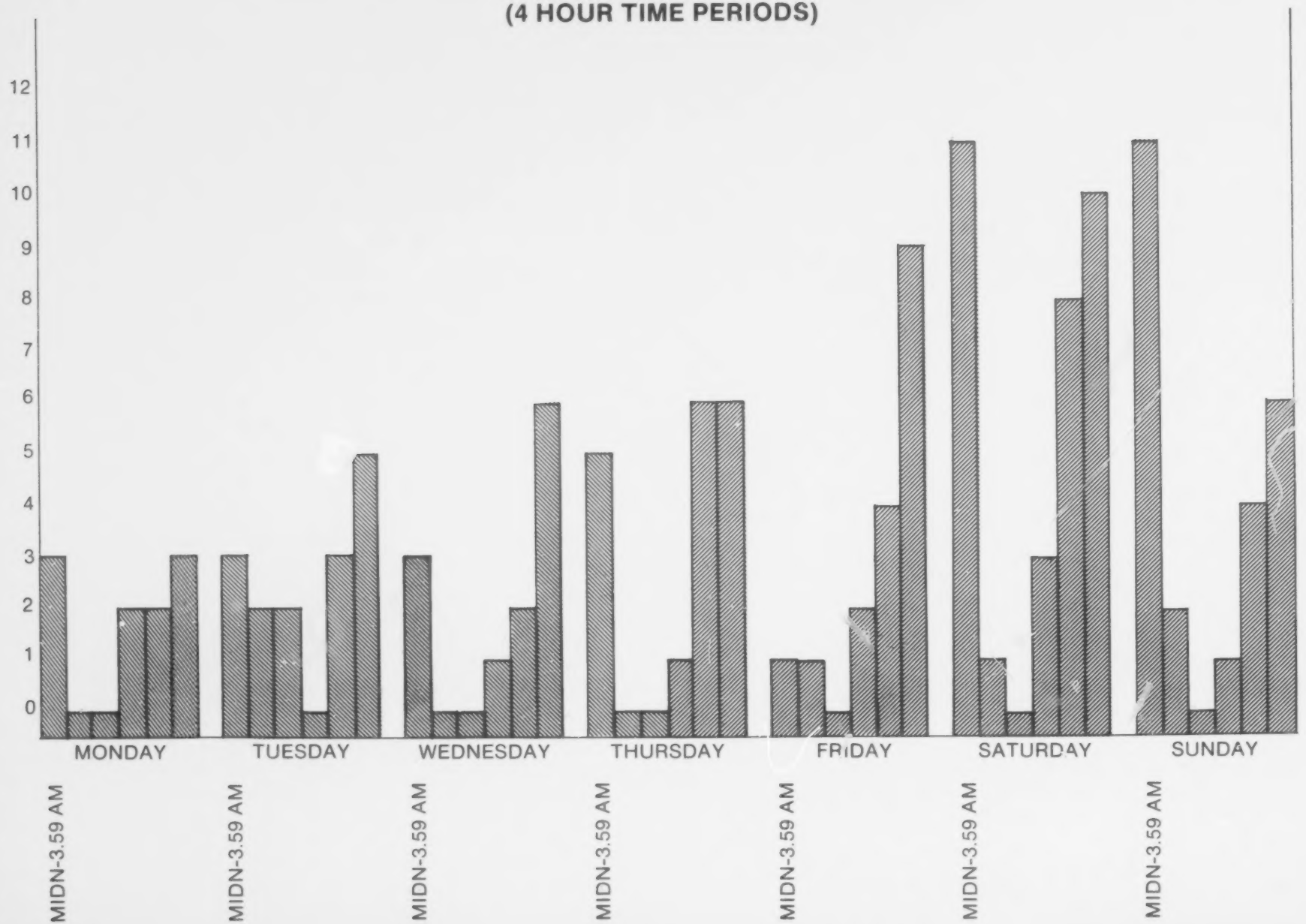


TABLE XVI

1981 DRIVER CONTRIBUTING FACTORS

DRINKING

Accident Summary

	Total	Percent
6:00 p.m. - midnight	66	50.7
Rural areas	82	63.1
Collision with another vehicle	30	23.0
Overturn	45	34.6
On Saturday	34	26.2

Driver Summary

	Total	Percent
Under 25	62	49.6
Male	105	84.0
No restraint used	120	96.0
BAC over .08	86	68.8
Utah drivers	95	76.0
Speeds over 55	57	45.6
Previous accidents	13	10.4
Previous suspensions	25	20.0
Previous DUI's	20	16.0
Previous speeding	51	40.8
Previous other harmful violations	35	28.0

Drivers Killed In Alcohol Related Crashes

	Total	Percent
Drivers killed	76	60.8
Under 25	28	36.8
Male	63	82.9
No restraint used	74	97.4
BAC over .08	54	71.0

SPOT FACTS

1. In 1981 alcohol related fatal crashes 50.7% occurred between 6:00 p.m. and midnight and 26.2% occurred on Saturday.
2. 49.6% of the drivers involved were under 25 years of age.
3. 45.6% of the drinking drivers were speeding over 55 mph.
4. 68.8% of the drivers had a BAC level greater than .08.
5. 60.8% of the drivers involved in alcohol related accidents were fatally injured.

TABLE XVII

1981 DRIVER CONTRIBUTING FACTORS

RECKLESS/CARELESS

Accident Summary

	Total	Percent
In rural Areas	51	59.3
Collision with another vehicle	20	23.2
Overturn	32	37.2

Driver Summary

	Total	Percent
Under 25 years old	44	39.5
Utah drivers	78	69.6
Speeds over 55	31	27.8
Previous accidents	9	8.1
Previous suspensions	6	5.4
Previous DUI's	3	2.7
Previous speeding	43	38.4
Previous other harmful violations	37	33.0

Drivers Killed In Reckless Driving Related Accidents

	Total	Percent
Drivers killed	55	49.1
Utah drivers	36	65.5
Under 25 years old	26	47.3
Speeds over 55	20	36.3

SPOT FACTS

1. In 1981 20.3% of the drivers contributed to the fatal crash through reckless driving.
2. 39.5% of the drivers were under 25 years of age.
3. 64.6% of the drivers who contributed by driving recklessly were fatally injured.
4. 41.9% had been drinking.

TABLE XVIII

1981 BICYCLISTS KILLED

	Total	Percent
Under 4	1	10.0
Age 9-12	2	20.0
Age 14-15	4	40.0
Age 16-17	3	30.0
Male	8	80.0
Female	2	20.0
In roadway	10	100.0
Not visible	3	30.0
Ran into road	1	10.0
Improper crossing	2	20.0
Improper lane	1	10.0
Playing in road	1	10.0
Speed too fast	1	10.0

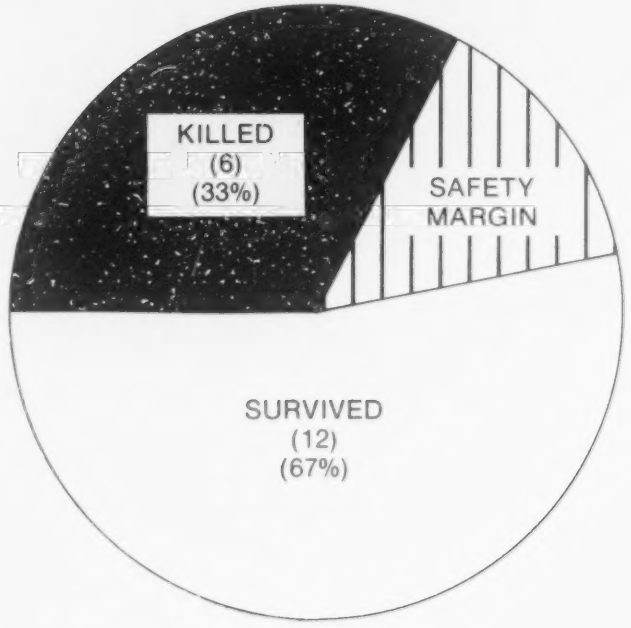
SPOT FACTS

1. IN 1981 THERE WERE 10 BICYCLISTS KILLED AS COMPARED TO 7 IN 1980.
2. 10% WERE UNDER 4 YEARS OF AGE.

DRIVERS
RESTRAINT USE

DRIVERS
WHO WERE NOT USING
SAFETY RESTRAINTS - 1981

DRIVERS WHO
WERE USING SAFETY
RESTRAINTS - 1981



DRIVERS USING SAFETY RESTRAINTS ARE MORE LIKELY TO SURVIVE AN ACCIDENT THAN THOSE NOT USING SAFETY RESTRAINTS. FIFTY NINE FEWER DRIVERS WOULD HAVE BEEN KILLED IN UTAH IN 1981 IF ALL DRIVERS USED SAFETY RESTRAINTS.

PASSENGERS
RESTRAINT USE

PASSENGERS WHO
WERE NOT USING
SAFETY RESTRAINTS - 1981

PASSENGERS WHO
WERE USING SAFETY
RESTRAINTS - 1981

PASSENGERS USING SAFETY RESTRAINTS ARE MORE LIKELY TO SURVIVE AN ACCIDENT THAN THOSE NOT USING SAFETY RESTRAINTS. THIRTY NINE FEWER PASSENGERS WOULD HAVE BEEN KILLED IN UTAH IN 1981 IF ALL PASSENGERS USED SAFETY RESTRAINTS.

SEAT BELTS

ANALYSIS OF THE EFFECT OF USING SEAT BELTS SHOWS THAT SIGNIFICANT REDUCTIONS IN INJURY SEVERITY CAN BE EXPECTED. OF ALL 847 DRIVERS AND PASSENGERS IN 1981 FATAL CRASHES, 791 (93%) WERE NOT WEARING SEAT BELTS. OF THE 38 PERSONS WEARING SEAT BELTS DURING A FATAL CRASH, 9 (24%) WERE KILLED. OF THE 791 PERSONS NOT WEARING SEAT BELTS 290 (37%) WERE KILLED.

SUMMARY OF 35,989 ACCIDENTS WHICH OCCURED DURING 1981

TYPE OF ACCIDENT	CLASSIFICATION OF ACCIDENTS TOTAL ACCIDENTS	FATAL	INJURY	PROPERTY DAMAGE
PEDESTRIAN	762	41	680	41
OTHER MOTOR VEHICLE	24985	97	7009	17879
RAILROAD TRAIN	55	2	15	38
ANIMAL	636	2	33	601
FIXED OBJECT	1986	65	531	1390
BICYCLE	526	8	476	42
OTHER OBJECT	271	12	89	170
OVERTURNED	744	91	411	242
RAN OFF ROAD	5209	0	2360	2849
OTHER NON-COLLISION	815	3	220	592
TOTAL ACCIDENTS	35989	321	11824	23844
TOTAL PREV YEAR	33582	292	11701	21589

INVESTIGATING AGENCY URBAN ACCIDENTS	TOTAL ACCIDENTS	FATAL	INJURY	PROPERTY DAMAGE
HIGHWAY PATROL	2794	23	993	1778
POLICE	17923	66	5994	11863
SHERIFF	5070	24	1454	3592
OTHER	715	3	191	521
TOTAL ACCIDENTS	26502	116	8632	17754
TOTAL PREV YEAR	24841	144	8693	16004
RURAL ACCIDENTS				
HIGHWAY PATROL	5073	165	2039	2869
POLICE	1937	14	430	1493
SHERIFF	2191	21	644	1526
OTHER	286	5	79	202
TOTAL ACCIDENTS	9487	205	3192	6090
TOTAL PREV YEAR	8741	148	3008	5585

TYPE OF ACCIDENT	TOTAL KILLED	AGE 0-4	5-14	15-24	25-44	45-64	65 +	NOT STATED	SEX MALE	FEMALE	DRIVER	PASS-ENGER	PEDES-TRIAN	OTHER
PEDESTRIAN	43	7	4	5	11	8	8	0	30	13	0	0	43	0
OTHER MOTOR VEHICLE	121	5	6	35	39	16	20	0	80	41	82	39	0	0
RAILROAD TRAIN	3	1	0	0	1	0	1	0	3	0	2	1	0	0
ANIMAL	4	0	0	2	2	0	0	0	3	1	2	2	0	0
FIXED OBJECT	66	0	1	25	18	15	7	0	52	14	47	19	0	0
BICYCLE	10	1	4	5	0	0	0	0	8	2	0	0	0	10
OTHER OBJECT	15	0	1		5	2	2	0	11	4	9	6	0	0
OVERTURNED	99	3	0	43	37	12	4	0	72	27	63	36	0	0
RAN OFF ROAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER NON COLLISION	3	0	0	2	1	0	0	0	3	0	2	1	0	0
TOTAL ACCIDENTS	364	17	16	122	114	53	42	0	262	102	207	104	43	10
TOTAL PREV YEAR	335	8	22	118	107	46	34	0	243	92	173	105	49	8

INJURIES BY TYPE OF ACCIDENT	AGE OF INJURED								SEX		
	TOTAL INJURED	0-4	5-14	15-24	25-44	45-64	65 & OVER	NOT STATED	MALE	FEMALE	NOT STATED
PEDESTRIAN	680	91	208	150	133	56	53	9	396	282	2
OTHER MOTOR VEHICLE	11434	572	773	4259	3588	1430	706	106	5472	5940	22
RAILROAD TRAIN	21	2	0	6	10	2	1	0	15	6	0
ANIMAL	51	3	2	20	19	5	2	0	24	27	0
FIXED OBJECT	713	18	31	319	255	68	15	7	430	280	3
BICYCLE	476	25	237	129	58	5	7	15	354	110	12
OTHER OBJECT	118	7	7	46	40	12	5	1	59	59	0
OVERTURNED	565	5	28	278	215	30	4	5	449	115	1
RAN OFF ROAD	3626	111	190	1833	1077	265	116	34	2389	1232	5
OTHER NON COLLISION	283	24	34	117	75	18	10	5	173	110	0
UNKNOWN	123	0	0	0	0	0	0	123	0	0	123
TOTAL ACCIDENTS	18090	858	1510	7137	5470	1891	919	305	9761	8161	168
TOTAL PREV YEAR	17828	818	1459	7321	5322	1964	788	156	9683	8145	0

INJURIES BY TYPE OF ACCIDENT	CLASS				NOT STATED	INJURY SEVERITY			NOT STATED
	DRIVER	PASSENGER	PEDESTRIAN	OTHER		A	B	C	
PEDESTRIAN	0	0	653	0	27	302	290	87	1
OTHER MOTOR VEHICLE	6977	4457	0	0	0	2433	3695	5306	0
RAILROAD TRAIN	15	6	0	0	0	14	6	1	0
ANIMAL	26	25	0	0	0	16	25	10	0
FIXED OBJECT	483	230	0	0	0	253	279	181	0
BICYCLE	0	0	0	452	24	131	275	58	12
OTHER OBJECT	73	45	0	0	0	31	46	41	0
OVERTURNED	387	178	0	0	0	204	282	79	0
RAN OFF ROAD	2121	1505	0	0	0	1278	1529	819	0
OTHER NON COLLISION	129	154	0	0	0	92	134	57	0
UNKNOWN	0	0	0	0	123	0	0	0	123
TOTAL ACCIDENTS	10211	6600	653	452	174	4754	6561	6639	136
TOTAL PREV YEAR	10306	6413	664	441	0	4770	6562	6496	0

DEFINITION OF INJURIES A INCAPACITATING INJURIES B NON INCAPACITING INJURIES
C POSSIBLE INJURY

FATAL AND INJURY ACCIDENTS BY DAY AND TIME

TIME	SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY	
	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY	FATAL	INJURY
MIDNIGHT	0	1	0	3	0	0	0	1	0	0	0	0	0	3
1AM	4	92	1	22	0	30	1	31	3	48	1	40	4	118
2AM	4	74	1	17	1	20	2	14	1	21	0	21	4	69
3AM	2	49	0	14	1	9	1	17	2	13	0	14	2	48
4AM	2	30	0	11	1	7	0	7	1	14	0	9	0	39
5AM	1	23	1	14	1	9	0	12	1	16	1	11	0	25
6AM	3	16	0	37	1	27	0	38	1	42	1	39	2	29
7AM	1	25	0	97	2	81	0	86	1	93	2	81	3	27
8AM	1	29	3	110	0	81	0	83	3	89	1	72	2	51
9AM	1	28	1	56	2	67	2	52	2	37	1	58	2	62
10AM	0	38	0	71	2	54	1	65	0	54	3	76	0	64
11AM	2	35	1	76	3	86	0	77	2	72	1	87	0	91
NOON	1	55	2	93	1	93	2	82	0	89	2	115	2	102
1PM	3	61	0	78	1	85	3	73	1	90	2	116	4	110
2PM	2	55	3	114	4	95	4	93	1	92	1	116	0	100
3PM	1	69	2	125	2	93	3	113	4	120	5	128	6	100
4PM	1	66	1	152	4	153	3	144	3	162	1	196	2	130
5PM	4	59	4	161	2	153	5	167	2	184	3	158	2	122
6PM	3	65	5	93	3	118	1	98	2	95	2	119	6	143
7PM	1	66	0	89	2	79	4	79	4	93	3	120	6	109
8PM	3	62	1	65	2	71	2	71	1	59	6	101	4	66
9PM	1	48	0	42	4	61	2	63	5	87	3	97	1	88
10PM	2	40	5	48	0	60	2	53	0	66	5	102	1	73
11PM	1	30	2	36	3	38	0	43	5	53	2	118	7	91
UNKNOWN	2	85	3	30	0	38	0	36	2	54	0	54	6	112
TOTAL	46	1201	36	1654	42	1608	38	1598	47	1743	46	2048	66	1972
PREV YR	52	1265	38	1592	34	1581	36	1656	47	1620	36	2090	49	1897

PROPERTY DAMAGE ACCIDENTS BY DAY AND TIME

TIME	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
MIDNIGHT	6	3	1	1	0	8	5
1AM	158	30	33	45	73	62	183
2AM	109	25	29	24	41	37	125
3AM	69	9	15	20	31	26	74
4AM	38	18	15	9	20	17	56
5AM	32	34	21	30	30	30	50
6AM	33	85	89	72	82	82	68
7AM	27	234	205	178	166	172	57
8AM	58	200	193	188	179	183	110
9AM	61	136	127	125	151	154	131
10AM	56	160	143	164	154	138	198
11AM	73	190	177	158	186	216	201
NOON	94	237	202	224	214	262	210
1PM	91	184	177	152	187	214	236
2PM	97	205	189	169	187	224	178
3PM	109	253	254	220	250	312	205
4PM	132	292	300	288	303	361	253
5PM	150	298	315	319	305	393	212
6PM	104	173	192	176	215	247	230
7PM	122	145	162	173	176	235	186
8PM	99	109	125	142	152	185	149
9PM	85	121	125	100	120	213	177
10PM	72	92	82	84	127	200	153
11PM	65	77	79	90	90	213	176
UNKNOWN	191	90	86	102	106	132	240
TOTAL	2131	3400	3336	3253	3545	4316	3863
PREV YR	2024	3124	3120	3142	3065	3850	3264

PEDESTRIAN CONTRIBUTING CIRCUMSTANCES	AGE OF PEDESTRIANS KILLED							
	TOTAL	0-4	5-14	15-24	25-44	45-64	65&OVER	NOT STATED
CROSSING INTERSECTION WITH SIGNAL	5	1	0	0	0	2	2	0
SAME AGAINST SIGNAL	1	0	0	0	0	1	0	0
SAME NO SIGNAL	6	0	1	0	2	1	2	0
SAME DIAGONALLY	0	0	0	0	0	0	0	0
CROSSING NOT AT INTERSECTION	11	1	1	1	2	2	4	0
WALKING IN ROADWAY WITH TRAFFIC	5	0	0	1	4	0	0	0
WALKING IN ROADWAY AGAINST TRAFFIC	1	0	0	0	0	1	0	0
LYING IN ROADWAY	2	0	0	1	1	0	0	0
STANDING IN ROADWAY	2	0	0	1	1	0	0	0
GETTING ON OR OFF OTHER VEHICLE	0	0	0	0	0	0	0	0
PUSHING OR WORKING IN ROADWAY	1	0	0	0	0	1	0	0
OTHER IN ROADWAY	1	0	0	1	0	0	0	0
PLAYING IN ROADWAY	4	3	1	0	0	0	0	0
COMING FROM BEHIND PARKED CARS	2	1	1	0	0	0	0	0
NOT IN ROADWAY	2	1	0	0	1	0	0	0
NOT STATED	0	0	0	0	0	0	0	0
TOTAL PEDESTRIANS	43	7	4	5	11	8	8	0
TOTAL PREV YEAR	49	4	10	8	12	6	9	0

PEDESTRIAN CONTRIBUTING CIRCUMSTANCES	AGE OF PEDESTRIANS INJURED							
	TOTAL	0-4	5-14	15-24	25-44	45-64	65&OVER	NOT STATED
CROSSING AT INTERSECTION WITH SIGNAL	64	2	16	8	13	11	14	0
SAME AGAINST SIGNAL	40	1	10	8	11	4	6	0
SAME NO SIGNAL	87	4	29	17	16	12	9	0
SAME DIAGONALLY	4	0	3	1	0	0	0	0
CROSSING NOT AT INTERSECTION	184	30	73	28	28	10	13	2
WALKING IN ROADWAY WITH TRAFFIC	29	2	9	14	3	1	0	0
WALKING IN ROADWAY AGAINST TRAFFIC	9	1	4	2	2	0	0	0
LYING IN ROADWAY	3	1	0	0	1	0	0	1
STANDING IN ROADWAY	28	1	6	8	8	2	3	0
GETTING ON OR OFF OTHER VEHICLE	11	0	4	1	3	1	2	0
PUSHING OR WORKING IN ROADWAY	8	0	0	3	3	2	0	0
OTHER IN ROADWAY	37	3	7	9	14	3	1	0
PLAYING IN ROADWAY	29	14	12	2	0	0	0	1
COMING FROM BEHIND PARKED CARS	32	7	21	1	2	0	0	1
NOT IN ROADWAY	62	15	9	12	16	4	4	2
NOT STATED	26	9	3	6	4	3	1	0
TOTAL PEDESTRIANS	653	90	206	120	124	53	53	7
TOTAL PREV YEAR	701	108	201	137	116	53	48	38

ROAD SYSTEM

HIGHWAY	TOTAL	FATAL	INJURY	PROPERTY DAMAGE
INTERSTATE RURAL (ART)	1424	41	535	848
INTERSTATE URBAN (ART)	1831	15	627	1189
FEDERAL AID PRIMARY_ RURAL (ART)	3301	108	1184	2009
FEDERAL AID PRIMARY_ URBAN (ART)	1140	7	362	771
FEDERAL AID URBAN (ART)	10709	50	3878	6781
FEDERAL AID RURAL (COLL)	3756	14	1373	2369
FEDERAL AID SECONDARY RURAL ONLY (COLL)	1719	31	634	1054
NON FDERAL AID RURAL (ART)	6	0	2	4
NON FEDERAL AID URBAN (ART)	147	0	56	91
NON FEDERAL AID RURAL (COLL)	619	13	213	393
NON FEDERAL AID URBAN (COLL)	1015	6	342	667
NON FEDERAL AID RURAL LOCAL	2418	12	624	1782
NON FEDERAL AID URBAN LOCAL	7904	24	1994	5886
NOT STATED	0	0	0	0
TOTAL	35989	321	11824	23844

ACCIDENTS BY COUNTY	TOTAL	FATAL	INJURY	PROP DAMAGE	NUMBER OF PERSONS KILLED	NUMBER OF PERSONS INJURED	SAME PERIOD LAST YEAR ACCIDENTS	SAME PERIOD LAST YEAR DEATHS	SAME PERIOD LAST YEAR INJURIES
BEAVER	179	3	56	120	4	101	142	3	87
BOX ELDER	777	14	279	484	16	474	642	6	374
CACHE	1115	9	396	710	9	617	1076	8	598
CARBON	472	14	156	302	14	235	436	11	244
DAGGETT	58	0	24	34	0	29	44	0	31
DAVIS	2093	15	618	1460	15	943	1907	14	907
DUCHESNE	354	8	101	245	10	156	351	7	144
EMERY	312	15	99	198	18	172	322	6	187
GARFIELD	123	1	34	88	1	67	141	6	62
GRAND	300	10	87	203	10	147	291	8	143
IRON	347	14	107	226	14	196	393	15	222
JUAB	224	3	79	142	3	144	168	6	89
KANE	118	2	36	80	2	62	110	2	58
MILLARD	293	6	93	194	12	160	254	3	133
MORGAN	106	0	28	78	0	45	100	0	67
PIUTE	43	0	12	31	0	15	27	0	5
RICH	127	7	52	68	10	84	88	3	62
SALT LAKE	18100	85	6018	11997	93	8831	16759	111	9004
SAN JUAN	194	14	70	110	18	137	165	4	109
SANPETE	264	4	68	192	4	106	248	9	96
SEVIER	354	7	93	254	9	140	351	8	181
SUMMIT	675	5	176	494	5	271	620	18	244
TOOELE	572	7	167	398	7	270	565	9	323
UINTAH	628	12	177	439	12	296	462	13	224
UTAH	4482	26	1494	2962	31	2352	4138	38	2166
WASATCH	324	6	87	231	6	151	297	5	136
WASHINGTON	525	6	170	349	6	290	503	5	232
WAYNE	28	1	7	20	1	9	33	0	6
WEBER	2802	27	1040	1735	34	1590	2949	17	1694
TOTAL	35989	321	11824	23844	364	18090	33582	335	17828

ACCIDENTS BY CITIES	NUMBER OF ACCIDENTS			NUMBER OF PERSONS			SAME PERIOD LAST YEAR		
	TOTAL	FATAL	INJURY	PROP DAMAGE	KILLED	INJURED	ACCIDENTS	DEATHS	INJURIES
AMERICAN FORK	189	0	60	129	0	82	163	1	82
BOUNTIFUL	611	2	163	446	2	243	462	0	156
BRIGHAM CITY	183	3	71	109	3	110	172	0	88
CEDAR CITY	171	1	51	119	1	68	165	3	60
CENTERVILLE	72	1	22	49	1	30			
CLEARFIELD	259	0	55	204	0	69	262	0	79
CLINTON	28	0	10	18	0	17			
DRAPER	104	1	32	71	1	47			
EAST LAYTON	33	0	12	21	0	25			
FARMINGTON	63	0	18	45	0	30			
FRUIT HEIGHTS	21	0	9	12	0	12			
HARRISVILLE	39	1	13	25	1	25			
KAYSVILLE	92	0	34	58	0	50	80	0	38
LAYTON	370	1	121	248	3	184	338	5	239
LEHI	104	0	36	68	0	51			
LINDON	42	2	14	26	2	24			
LOGAN	541	1	177	363	1	254	555	0	251
MAPLETON	17	0	9	8	0	10			
MIDVALE	325	5	94	226	5	129	302	1	126
MOAB	97	0	15	82	0	22			
MURRAY	888	1	240	647	1	386	837	9	357
NORTH OGDEN	48	0	15	33	0	17	57	0	27
NORTH SALT LAKE	141	4	41	96	4	63			
OGDEN	1505	5	587	913	5	878	1616	5	922
OREM	1118	1	282	835	1	404	1116	2	433
PARK CITY	211	1	19	191	1	24			
PLEASANT GROVE	129	1	35	93	1	50	106	3	34
PLEASANT VIEW	50	2	20	28	2	35			

ACCIDENTS BY CITIES	NUMBER OF ACCIDENTS			NUMBER OF PERSONS			SAME PERIOD LAST YEAR		
	TOTAL	FATAL	INJURY	PROP DAMAGE	KILLED	INJURED	ACCIDENTS	DEATHS	INJURIES
PRICE	185	2	46	137	2	62	161	1	71
PROVO	1493	4	533	956	4	794	1339	8	748
RIVERDALE	178	1	41	136	1	84			
RIVERTON	66	1	15	50	1	20			
ROOSEVELT	130	0	13	117	0	21			
ROY	223	2	88	133	2	121	219	1	153
SALT LAKE CITY	6743	39	2436	4268	43	3504	5929	43	3626
SANDY	860	2	272	586	2	386	794	4	439
SMITHFIELD	47	0	16	31	0	23			
SOUTH JORDAN	79	1	22	56	1	26			
SOUTH OGDEN	146	5	58	83	5	86	155	0	85
SOUTH SALT LAKE	566	2	165	399	3	224	485	2	181
SOUTH WEBER	13	0	5	8	0	12			
SPANISH FORK	146	0	35	111	0	66	132	1	38
SPRINGVILLE	138	1	49	88	2	83	121	0	74
ST GEORGE	258	1	62	195	1	96	241	1	77
SUNSET	65	3	23	39	3	34	66	1	34
SYRACUSE	13	0	3	10	0	3			
TOOELE	183	1	30	152	1	38	168	0	48
UINTAH	21	1	2	18	5	10			
VERNAL	295	2	58	235	2	95			
WASHINGTON TERR.	65	0	15	50	0	26			
WENDOVER	34	0	1	33	0	1			
WEST BOUNTIFUL	49	1	20	28	1	32			
WEST JORDAN	387	1	128	258	1	179	340	2	173
WEST VALLEY	852	3	321	528	3	463			
WOODS CROSS	77	0	12	65	0	16			

AGE AND SEX OF DRIVERS

AGE GROUP	ALL DRIVERS	TOTAL		FATAL		INJURY		PROPERTY DAMAGE	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
UNKNOWN	5579								
15 & YOUNGER	433	289	144	4	2	126	51	159	91
16	2505	1575	930	8	1	478	326	1089	603
17	3011	1998	1013	6	3	618	323	1374	687
18	3306	2165	1141	11	6	688	355	1466	780
19	2829	1813	1016	17	2	597	388	1199	626
20-24	11719	7782	3937	78	15	2633	1387	5071	2535
25-34	14627	9672	4955	97	30	3328	1704	6247	3221
35-44	7359	4741	2618	48	11	1560	933	3133	1674
45-54	4614	3001	1613	29	8	1001	512	1971	1093
55-64	3384	2243	1141	22	7	733	429	1488	705
65-74	2143	1398	745	15	10	497	254	886	481
75&OLDER	980	657	323	7	1	220	118	430	204
NOT STATED	307	201	106	0	0	54	29	147	77
TOTAL	62796	37535	19682	342	96	12533	6809	24660	12777
TOTAL PREV YEAR	58728	35542	18189	318	88	12448	6802	22776	11298

RESIDENCE OF DRIVER

	TOTAL DRIVERS	FATAL	INJURY	PROPERTY DAMAGE
LOCAL RESIDENT	49180	274	16438	32468
RESIDING ELSEWHERE IN STATE	4579	78	1540	2961
NON RESIDENT	3609	86	1258	2265
NOT STATED	5428	0	970	4458
TOTAL	62796	438	20206	42152
TOTAL PREV YEAR	58728	406	20052	38127

CUMULATIVE MILEAGE ACCIDENT RATES

	FATALS		INJURIES	
	THIS YEAR	LAST YEAR	THIS YEAR	LAST YEAR
MOTOR VEHICLE TRAFFIC DEATHS/INJURIES	364	335	18090	17828
ESTIMATED MILEAGE TRAVELLED(MILLIONS)	10921	10815	10921	10815
RATE PER 100,000,000 VEHICLE MILES	3.33	3.10	1.65	1.92
NUMBER OF ACCIDENTS	321	292	11824	11701
ACCIDENT RATE PER 100,000,000 MILES	2.94	2.70	1.08	1.08

LIGHT CONDITIONS	TOTAL	FATAL	INJURY	PROPERTY DAMAGE
DAYLIGHT	22628	153	7366	15109
DAWN OR DUSK	2098	26	633	1409
DARK ROAD LIGHTED	6003	37	2047	3919
DARK ROAD UNLIGHTED	5040	105	1708	3227
NOT STATED	220	0	40	180
TOTAL ACCIDENTS	35989	321	11824	23844
TOTAL PREV YEAR	33582	292	11701	21589

WEATHER CONDITIONS				
CLEAR OR CLOUDY	30070	294	10065	19711
RAIN	2889	13	961	1915
SNOW	2290	12	575	1703
FOG	488	2	171	315
DUST OR WIND STORM	26	0	10	16
NOT STATED	226	0	42	184
TOTAL ACCIDENTS	35989	321	11824	23844
TOTAL PREV YEAR	33582	292	11701	21589

TRAFFIC CONTROL				
OFFICER OR WATCHMAN	97	1	33	63
FLAGMAN	86	1	34	51
TRAFFIC SIGNAL	5745	27	2212	3506
TRAFFIC SIGNAL FLASHING	163	2	54	107
STOP SIGN	3859	15	1383	2461
YIELD SIGN	416	1	120	295
RR GATES OR SIGNAL	66	1	17	48
OTHER	1793	31	629	1133
NO CONTROL PRESENT	23513	238	7295	15980
NOT STATED	251	4	47	200
TOTAL ACCIDENTS	35989	321	11824	23844
TOTAL PREV YEAR	33582	292	11701	21589

ROAD CONDITIONS	TOTAL	FATAL	INJURY	PROPERTY DAMAGE
DRY	27475	274	9366	17835
WET	4922	26	1585	3311
MUDDY SLIPPERY	121	0	41	80
SNOWY SLIPPERY	2107	20	472	1615
NOT STATED	1364	1	360	1003
TOTAL ACCIDENTS	35989	321	11824	23844
TOTAL PREV YEAR	33582	292	11701	21589

TYPE OF MOTOR VEHICLE				
PASSENGER CAR	44180	213	13930	30037
PICKUPS	13856	89	4000	9767
TRUCK OR TRUCK TRACTOR	1501	8	418	1075
TRUCK AND TRAILER	1121	33	338	750
BUS	151	1	41	109
SCHOOL BUS	56	1	10	45
FARM TRACTOR	36	0	14	22
MOTORCYCLE	1592	39	1302	251
MOPEDS	16	0	16	0
OTHER	192	54	50	88
NOT STATED	95	0	87	8
TOTAL VEHICLES	62796	438	20206	42152
TOTAL PREV YEAR	58728	406	20148	38174

KIND OF LOCALITY				
MANUFACTURING	2013	14	612	1387
SHOPPING OR BUSINESS	12192	43	3650	8499
RESIDENTIAL DISTRICT	11210	50	3697	7463
SCHOOL OR PLAYGROUND	1019	2	275	742
FARMS AND FIELDS	2574	42	934	1598
OPEN COUNTRY	6884	170	2601	4113
NOT STATED	97	0	55	42
TOTAL ACCIDENTS	35989	321	11824	23844
TOTAL PREV YEAR	33582	292	11701	21589

ROAD CHARACTER	TOTAL	FATAL	INJURY	PROPERTY DAMAGE
STRAIGHT LEVEL	24744	157	7968	16619
STRAIGHT GRADE	5385	59	1718	3608
STRAIGHT HILLCREST	614	8	194	412
CURVE LEVEL	1979	35	752	1192
CURVE GRADE	2787	61	1066	1660
CURVE HILLCREST	191	0	66	125
NOT STATED	289	1	60	228
TOTAL ACCIDENTS	35989	321	11824	23844
TOTAL PREV YEAR	33582	292	11701	21589

CONTRIBUTING CIRCUMSTANCES	TOTAL	FATAL	INJURY	PROPERTY DAMAGE
SPEED TOO FAST	5941	131	2245	3565
FAILURE TO YIELD RIGHT OF WAY	6097	23	2165	3909
DROVE LEFT OF CENTER	1188	38	481	669
IMPROPER OVERTAKING	915	8	301	606
PASSED STOP SIGN	668	19	294	355
DISREGARD TRAFFIC SIGNAL	1198	0	541	657
FOLLOWING TOO CLOSELY	2412	0	763	1649
IMPROPER TURN	2249	2	571	1676
HAD BEEN DRINKING	3415	125	1676	1614
UNDER THE INFLUENCE OF DRUGS	87	1	43	43
EYESIGHT DEFFECTIVE UNCORRECTED	76	0	26	50
ASLEEP	603	43	290	270
FATIGUED	323	0	175	148
ILL	102	6	65	31
IMPROPER PARKING	435	0	74	361
IMPROPER LOOKOUT	10414	89	3240	7085
IMPROPER OR NO SIGNAL	159	0	36	123
OTHER IMPROPER DRIVING	5705	6	1770	3929
BRAKES DEFECTIVE	404	6	115	283
HEADLIGHTS DEFECTIVE	82	2	34	46
HEADLIGHTS GLARING	15	0	5	10
OTHER LIGHTS DEFECTIVE	101	5	28	68
STEERING MECHANISM DEFECTIVE	77	0	33	44
TIRES DEFECTIVE	232	9	87	136
WINDSHIELD NOT CLEAR	93	0	43	50
OTHER DEFECTIVE CONDITIONS	477	3	118	356
NOT STATED	94	0	87	7
TOTAL	43562	516	15306	27740
TOTAL PREV YEAR	37801	573	13853	23375